, pul

**PATENT** 

Attorney Docket No.: 38187-2784

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Freeman

Application No.: 10/541,124

Filed: 03/31/2006

Title: Method and Apparatus Using Optical Techniques )

to Measure Analyte Levels

Art Unit: 1744

Examiner: Unassigned

### INFORMATION DISCLOSURE STATEMENT

**UNDER 37 C.F.R. §1.97** 

Mail Stop: AMENDMENTS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Listed below on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, along with a concise explanation of information in a foreign language, if any, except for pending U.S. applications is attached or is identified as having been previously cited in U.S. Patent Application No.: 10/220,828 filed: 06/12/2002, pursuant to 37 C.F.R. §1.97-1.98.

1.98(d) A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

SV 2265196 v1 3/16/07 9:04 AM (38187.2662)

$\boxtimes$	This sta	itement	qualifies under 37 C.F.R. §1.97,	subsection (b) because (check all that apply):
		(1)	It is being filed within 3 months prosecution application under § OR	s of the application filing date and is other than a continued 1.53(d)
		(2)	It is being filed within 3 months	s of entry of a national stage
	$\boxtimes$	(3)		date of the first Office Action on the merits
		(4)		ng of a first Office Action after the filing of a request for 1.114.
	a nation	nal appli mationa	ication; (2) three months beyond I application; or (3) the mailing d	ed after the latest of: (1) three months beyond the filing date of the date of entry of the national stage as set forth in §1.491 in late of a first Office action on the merits, but before the mailing §1.113 or a notice of allowance under §1.311, then:
		a certif	ication as specified in §1.97(e) is	s provided below; or
			f \$180.00 as set forth in \$1.17(p) apers filed together with this stat	is authorized below, enclosed, or included with the payment of ement.
		-	` '	led after the mailing date of the earlier of a final office action 311, but before payment of the issue fee, then:
	A.	a certif	ication as specified in §1.97(e) is	s completed below; and
	В.	a petiti and	on under 37 C.F.R. §1.97(d) requ	uesting consideration of this statement is submitted herewith;
	C.		f \$130.00 as set forth in \$1.17(i)( or papers filed together with this s	(1) is authorized below, enclosed, or included with the payment statement.
⊠	additio	nal fees		y authorized to charge the above-referenced fees and charge any iated with this communication to Deposit Account No. <u>08-1641</u>
				Respectfully submitted, HELLER EHRMAN LLP
Dated:	-	March	16, 2007	By: Paul Davis, Reg. No. 29,294
			- m	

HELLER EHRMAN LLP 275 Middlefield Road Menlo Park, CA 94025-3506 Telephone: 1.650.324.7000

Facsimile: 1.650.324.0638 Customer No.: 25213

SV 2265196 v1

3/16/07 9:04 AM (38187.2662)

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

**U.S. PATENT DOCUMENTS** 

		'n	2007	\$
2	MAR	16	2007	Ä
	Se n			

EXAMINER'S INITIALS	No.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	RE 36,991	Dec 19 2000	Yamamoto, T	204	403	Aug 13 1999
	US 2001/0017269	Aug 30 2001	Heller, A	205	777.5	Mar 23 2001
•	US 2002/0025469	Feb 28 2002	Heller, A	429	43	Sep 24 2001
	US 2002/0042090	Apr 11 2002	Heller, A	435	14	Nov 29 2001
	US 2002/0044890	Apr 18 2002	Black MM	422	56	Jul 20 2000
	US 2002/0053523	May 9 2002	Liamos, C	205	787	Dec 28 2001
	US 2002/0057993	May 16 2002	Maisey GA	422	82.01	Aug 30 200
	US 2002/0076349	Jun 20 2002	Aitken, J	422	58	Jul 20 2000
	US 2002/0081588	Jun 27 2002	Lumley-Woodyear	435	6	Dec 21 2000
	US 2002/0084196	Jul 2 2002	Liamos, C	205	792	Dec 28 2001
	US 2002/0092612	Jul 18 2002	Davies, O	156	292	Feb 22 2002
	US 2002/0130042	Sep 19 2002	Moerman, P	204	403.01	Mar 2 2000
	US 2002/0136667	Sep 26 2002	Subramanian, K	422	100	Mar 26 2001
	US 2002/0136863	Sep 26 2002	Subramanian, K	428	156	Mar 26 2001
	US 2002/0136863	Sep 26 2002	Orloff, E	428	156	Mar 26 2001
	US 2002/0148739	Oct 17 2002	Liamos, C	205	787	Dec 28 2001
	US 2002/0160520	Oct 31 2002	Orloff, E	436	72	Mar 13 2002
	US 2002/0160520	Oct 31 2002	Orloff, E	436	72	Mar 13 2002
	US 2002/0168290	Nov 14 2002	Yuzhakov, V	422	56	May 9 2002
	US 2002/0176984	Nov 28 2002	Smart, W	428	336	Mar 26 2001
	US 2003/0073089	Apr 17 2003	Mauze, G	435	6	Oct 16 2001
	US 2003/0073229	Apr 17 2003	Greenstein, M	435	287.2	Oct 16 2001
	US 2003/0088191	05/08/2003	Freeman et al.	600	583	
	US 2003/0089730	May 15 2003	May SR	221	232	Nov 14 2004
	US 2003/0100040	May 29 2003	Bonnecaze, R	435	14	Nov 11 2002
	US 2003/0106810	Jun 12 2003	Douglas, J	205	777.5	Aug 21 2002
	US 2003/0111357	Jun 19 2003	Black MM	205	775	Dec 13 2001
•	US 2003/0113827	Jun 19 2003	Burkoth, T	435	14	Dec 17 2001
	US 2003/0116447	Jun 26 2003	Sturridge, N	205	777.5	Oct 4 2002
	US 2003/0143113	Jul 31 2003	Yuzhakov, V	422	56	May 9 2002
	US 2003/0146110	Aug 7 2003	Karinka, S	205	777.5 .	Feb 1 2002
	US 2003/0201194	Oct 30 2003	Heller, A	205	777.5	Jun 9 2003
	US 2003/0203352	Oct 30 2003	Haviland, A	435	4	Apr 23 2003
****	US 2003/0206828	Nov 6 2003	Bell, M	422	44	May 6 2002
	US 2003/0217918	Nov 27 2003	Davies O	204 ·	403.14	Mar 28 2000
	US 2003/0223906	Dec 4 2003	McAllister, D	422	58	Jun 3 2002
	US 2003/0228637	Dec 11 2003	Wang, D	435	7.9	Oct 24 2002

EXAMINER DATE CONSIDERED

MAR 1 6 2007

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

### U.S. PATENT DOCUMENTS

77.						
EXAMINER'S- INITIALS	PATENT NO.	DATE ·	NAME .	CLASS	SUBCLASS	FILING DATE
	US 2003/0232370	Dec 18 2003	Trifiro, M	435	6	Apr 22 2003
	US 2003/0233112	12/18/2003	Alden et al.	606	181	
	US 2003/0233113	12/18/2003	Alden et al.	606	182	
	US 2004/0007585	Jan 15 2004	Griffith, A	221	232	Mar 27 2003
	US 2004/0009100	Jan 15 2004	Simons, T	422	102	Oct 28 2002
	US 2004/0026243	Feb 12 2004	Davies O	204	403.14	Aug 7 2003
# <u></u>	US 2004/0031682	Feb 12 2004	Wilsey C	204	403.1	Nov 16 2001
	US 2004/0038045	Feb 26 2004	Smart, W	428	446	Jun 12, 2003
	US 2004/0054898	Mar 25 2004	Heller, A	205	777.5	Jul 28 2003
	US 2004/0060818	Apr 1 2004	Feldman, B	204	403.01	Sep 12 2003
	US 2004/0096991	May 20 2004	Zhang, H	436	518	Nov 7 2003
	US 2004/0115754	Jun 17 2004	Chang, C	435	14	Dec 11 2002
	US 2004/0115831	Jun 17 2004	Meathrel W	436	514	Apr 19 2001
	US 2004/0132167	July 8 2004	Rule, P	435	287.1	Jan 6 2003
	US 2004/0146958	July 29 2004	Bae, BW	435	14	Oct 10 2001
	US 2004/0154932	Aug 12 2004	Deng, Y	205	777.5	Feb 2 2004
	US 2004/0157017	Aug 12 2004	Mauze, G	428	35.7	Feb 6 2003
	US 2004/0157149	Aug 12 2004	Hofmann, A	430	131	May 9 2001
	US 2004/0157319	Aug 12 2004	Keen, R.E	435	287.2	Feb 2 2004
	US 2004/0157338	Aug 12 2004	Burke, D	436	147	Oct 17 2003
	US 2004/0157339	Aug 12 2004	Burke, D	436	149	Oct 17 2003
	US 2004/0161737	Aug 19 2004	Yang, DH	435	5	Feb 14 2003
	US 2004/0171057	Sep 2 2004	Yang, DH	435	6	Mar 11 2004
	US 2004/0173472	Sep 9 2004	Jung SK	205	777.5	Sep 28 2001
	US 2004/0173488	Sep 9 2004	Griffin, C.E	206	363	Nov 7 2003
	US 2004/0178066	Sep 16 2004	Miyazaki, S	204	403.01	Mar 25 2004
	US 2004/0178067	Sep 16 2004	Miyazaki, S	204	403.1	Mar 25 2004
	US 2004/0178216	Sep 16 2004	Brickwood, D	221	268	Jan 12 2004
	US 2004/0180379	Sep 16 2004	van Duyne, RP	435	7.1	Aug 29 2003
10. 00.00	US 2004/0182703	Sept 23 2004	Bell, D	204	403.11	Apr 25 2002
	US 2004/0185568	Sep 23 2004	Matsumoto, T	436	8	Jan 29 2004
	US 2004/0197231	Oct 7 2004	Katsuki, K	422	68.1	June 26 2002
•	US 2004/0197821	Oct 7 2004	Bauer, AJ	437	7.1	Apr 4 2003
	US 2004/0200720	Oct 14 2004	Musho, M	204	403.01	May 21 2001
	US 2004/0200721	Oct 14 2004	Bhullar, R	204	403.01	Aug 29 2001
	US 2004/0202576	Oct 14 2004	Aceti, J	422	82.05	Nov 24 2003
	US 2004/0206625	Oct 21 2004	Bhullar, R	204	403.1	May 13 2004

	co.verience	
EXAMINER	DATE CONSIDERED	

PTO-1448

MAR 1 6 2007

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

U.S. PATENT DOCUMENTS

102			·	,	_	
EXAMINE INITIALS	ATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 2004/0206636	Oct 22 2004	Hodges, A	205	792	May 12 2004
	US 2004/0206658	Oct 21 2004	Hammerstedt RH	206	524.1	Jan 31 2000
	US 2004/0209307	Oct 21 2004	Valkirs, G	435	7.1	Sep 26 2003
	US 2004/0209350	Oct 21 2004	Sakata, T	435	287.1	Aug 2 2002
	US 2004/0209354	Oct 21 2004	Mathies, R	435	287.2	Dec 29 2003
	US 2004/0211666	Oct 28 2004	Pamidi, P	204	403.01	May 31 2001
	US 2004/0211666	Oct 28 2004	Pamidi, P	204	403.01	May 31 2001
-70	US 2004/0214253	Oct 28 2004	Paek, SH	435	7.92	Apr 20 2004
	US 2004/0217019	Nov 4 2004	Cai, X	205	792	June 4 2004
· · · · · · · · · · · · · · · · · · ·	US 2004/0219535	Nov 4 2004	Bell, M	435	6	May 1 2003
	US 2004/0222092	Nov 11 2004	Musho, M	204	401	June 9 2004
	US 2004/0224369	Nov 11 2004	Cai, X	435	7.7	April 19 2004
	US 2004/0231984	Nov 25 2004	Imants Lauks	204	416	June 1 2004
	US 2004/0232009	Nov 25 2004	Okuda, H	205	789	Oct 9 2002
	US 2004/0238357	Dec 2 2004	Bhullar, R	204	400	Dec 23 1999
	US 2004/0238359	Dec 2 2004	Ikeda, S	204	403.1	May 27 2004
	US 2004/023858	Dec 2 2004	Forrow, N	204	403	May 20 2003
	US 2004/0241746	Dec 2 2004	Adlassnig, A	435	7.1	Jul 12 2002
	US 2004/0245101	Dec 9 2004	Willner, I	204	403	Aug 12 2002
	US 2004/0248282	Dec 9 2004	Sobha, M.P.	435	287.2	Jun 10 2002
	US 2004/0248312	Dec 9 2004	Vreeke, M	436	95	Jun 6 2003
	US 2004/0251131	Dec 16 2004	Ueno, H	204	403	Jun 16 2003
	US 2004/0253634	Dec 16 2004	Wang, D	435	7.1	Apr 10 2002
	US 2004/0256228	Feb 23 2004	Huang, CM	204	434	Jun 17 2003
	US 2004/0256248	Dec 23 2004	Burke, D	205	792	Oct 17 2003
	US 2004/0256685	Dec 23 2004	Chou, JC	257	414	Jul 12 2004
	US 2004/0258564	Dec 23 2004	Charlton, S	422	58	Jun 18 2003
	US 2005/0000806	Jan 6 2005	Hsieh, JW	203	403.1	Jul 1 2003
	US 2005/0000807	Jan 6 2005	Wang, KJ	204	403.81	Nov 28 2003
	US 2005/0000808	Jan 6 2005	Cui, G	203	403.14	Feb 12 2004
	US 2005/0003470	Jan 6 2005	Nelson, C	435	14	Jan 10 2003
	US 2005/0008537	Jan 13 2005	Mosolu, D	422	56	Jun 20 2003
	US 2005/0008851	Jan13 2005	Ezoe,T	428	336	Feb 18 2004
	US 2005/0009191	Jan 13 2005	Swenson, K	436	43	Jul 8 2003
	US 2005/0011759	Jan 20 2005	Moerman, P	204	403.03	Mar 2 2000
	US 2005/0013731	Jan 20 2005	Burke, D	422	56	Jun 20 2003
	US 2005/0016844	Jan 27 2005	Burke, D	204	403.1	Jun 20 2003

EXAMINER DATE CONSIDERED

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

MAR 1 6 2007

**U.S. PATENT DOCUMENTS** 

13				<del></del>	<del></del>	
EXAMINER INITIALS	PATRINO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 2005/0019212	Jan 27 2005	Bhullar, R	422	56	Jun 20 2003
	US 2005/0019219	Jan 27 2005	Oshiman, E	422	82.12	Jan 14 2003
	US 2005/0019805	Jan 27 2005	Groll, H	435	6	Jun 20 2003
	US 2005/0019945	Jan 27 2005	Groll, H	436	169	Jun 20 2003
	US 2005/0019953	Jan 27 2005	Groll, H	436	514	Jun 20 2003
	US 3953172	Apr 27 1976	Shapiro, S	23	230	May 10 1974
	US 4224125	Sep 23 1980	Nakamura, K	204	195B	Sep 26 1978
	US 4230118	10/28/1980	Holman, et al	128	314	
	US 4340669	Jul 20 1982	Bauer, R	435	14	Feb 12 1981
	US 4353984	Oct 12 1982	Yamada S	435	14	Jan 4 1980
	US 4391905	Jul 5 1983	Bauer, R	435	14	Feb 12 1981
	US 4391906	Jul 5 1983	Bauer, R	435	14	Feb 12 1981
	US 4426451	Jan 17 1984	ColumbUS R	436	518	Jan 28 1981
	US 4595479	Jun 17 1986	Kimura Y	204	294	Oct 19 1983
	US 4619754	Oct 28 1986	Niki K	204	290	Mar 8 1983
	US 4794926	01/1989	Munsch, et al.	606	183	
	US 4814142	Mar 21 1989	Gleisner, J	422	56	May 22 198'
	US 4820399	Apr 11 1989	Senda M	204	403	Aug 28 1985
	US 4824639	Apr 25 1989	Hildenbrand, K	422	56	Feb 3 1988
	US 4830959	May 16 1989	McNeill C	435	53	Nov 11 1985
	US 4836904	Jun 6 1989	Armstron F	204	294	Mar 28 1985
	US 4857274	Aug 15 1989	Simon, JP	422	72	Jun 22 1987
	US 4882013	Nov 21 1989	Turner APF	204	1	Feb 27 1986
	US 4897173	Jan 30 1990	Nankai, Shiro	204	403	Jun 19 1996
	US 4900424	Feb 13 1990	Birch, B	204	409	Nov 30 1987
	US 4911794	March 27 1990	Parce, J	204	1 T	June 18 198
	US 4945045	Jul 31 1990	Forrest G	435	25	May 13 198
	US 4948727	Aug 14 1990	Cass AE	435	18	Oct 12 1984
	US 4952515	Aug 28 1990	Gleisner, J	436	169	Feb 10 1989
	US 4966671	Oct 30 1990	Nylander, C	204	153.14	Jun 20 1988
	US 5059789	Oct 22 1991	Salcudean, S	250	206.1	Oct 22 1990
	US 5089112	Feb 18 1992	Skotheim T	204	403	Mar 20 1989
	US 5104619	Apr 14 1992	Castro, A	422	56	Dec 17 1990
	US 5108564	Apr 28 1992	Szuminsky, N	204	153.12	Mar 15 199
	US 5116759	May 26 1992	Klainer, S	435	288	Jun 27 1990
	US 5120420	Jun 9 1992	Nankai, Shiro	204	403	Mar 31 1989

EXAMINER DATE CONSIDERED

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

MAR 1 6 2007

**U.S. PATENT DOCUMENTS** 

				<del></del>		
EXAMINER'S INITIALS		DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 5122244	Jun 16 1992	Hoenes J	204	153	Feb 4 1991
	US 5126034	Jan 30 1992	Carter N	204	403	Jul 21 1989
	US 5128015	Jul 7 1992	Szuminsky, N	204	403	Mar 15 1998
	US 5128171	Jul 7 1992	Gleisner, J	427	2	Jun 26 1990
	US 5139685	Aug 18 1992	Castro, A	210	767	Mar 26 1991
	US 5141868	Aug 25 1992	Shanks, I	435	288 ·	Nov 27 1989
-	US 5185256	Feb 9 1993	Nankai, Shiro	435	174	Oct 15 1991
	US 5187100	Feb 16 1993	Matzinger DP	436	16	May 29 1990
	US 5192415	Mar 9 1993	Yoshioka, T	204	403	Mar 2 1992
	US 5205920	Apr 27 1993	Oyama, N	204	403	Mar 2 1990
	US 5229282	July 20 1993	Yoshioka, T	435	177	Nov 26 1990
	US 5230866	Jul 27 1993	Shartle R	422	103	Mar 1 1991
	US 5264103	Nov 23 1993	Yoshioka, T	204	403	Oct 15 1992
	US 5264105	Nov 23 1993	Gregg B	204	403	Aug 12 1989
· · · · · · · · · · · · · · · · · · ·	US 5264106	Nov 23 1993	McAleer, J	204	403	Oct 5 1989
	US 5266179	Nov 30 1993	Nankai, Shiro	204	401	Jul 19 1991
	US 5272087	Dec 21 1993	El Murr N	435	291	Apr-89
	US 5286362	Feb 15 1994	Hoenes J	204	403	Feb 4 1991
	US 5286364	Feb 15 1994	Yacynych, A	204	418	March 29 1991
	US 5288636	Feb 22 1994	Pollman, K	435	288	Dec 14 1990
	US 5312590	May 17 1994	Gunasingham H	422	56	Apr 24 1989
	US 5332479	July 26 1994	Uenoyama, H	204	153.12	May 15 199
	US 5354447	Oct 11 1994	Uenoyama, H	204	403	Dec 11 1992
	US 5366609	Nov 22 1994	White, B	204	403	Jun 8 1993
	US 5378628	Jan 3 1995	Graetzel, M	435	288	Feb 19 1992
· · · · · · · · · · · · · · · · · · ·	US 5382346	Jan 17 1995	Uenoyama, H	204	403	Oct 20 1993
	US 5389534	Feb 14 1995	Gentezkow, W	435	180	Mar 22 1993
	US 5393903	Feb 28 1995	Graetzel, M	556	137	Feb 19 1992
	US 5401376	March 28 1995	Foos, J	204	415	March 11 1994
	US 5407545	Apr 18 1995	Hirose K	204	153.12	Apr 25 1994
	US 5407554	Apr 18 1995	Saurer, E	204	403	Apr 8 1994
	US 5407818	Apr 18 1995	Gentezkow, W	435	180	Mar 22 1993
	US 5409583	Apr 25 1995	Yoshioka, T	204	153.12	Sep 28 1993
	US 5410059	Apr 25 1995	Fraser, D	546	10	Dec 14 1993
	US 5423847	06/1995	Strong, et al.	606	182	
	US 5436161	Jul 25 1995	Bergstrom J	435	291	May 10 199

EXAMINER DATE CONSIDERED

ATTY. DOCKET NO.	SERIAL NO.
38187-2784	10/541,124
ADDI ICANIT. Encousin	

DISCLOSURE STATESTENT APPLICANT: Freeman

**INFORMATION** 

PTO-1449

FILING DATE: 03/31/2006 | GROUP: 1744

MAR 16 2007 BU.S. PATENT DOCUMENTS

	The state of the s	<i>Y</i>			<del></del>	
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 5437999	Aug 1 1995	Diebold, E	435	288	Feb 22 1994
	US 5443701	Aug 22 1995	Willner I	204	153	Aug 25 1992
	US 5445920	Aug 29 1995	Saito, A	430	311	Feb 2 1994
	US 5456875	Oct 10 1995	Lambert, J	264	328.1	Jun 3 1993
	US 5496453	March 5 1996	Uenoyama, H	205	777.5	Oct 12 1994
	US 5498542	Mar 12 1996	Corey P	435	283.1	Sep 29 1994
	US 5510266	04/23/1996	Bonner, et al.	436	43	
	US 5510266	Apr 23 1996	Bonner et al.	436	43	May 5 1995
	US 5512159	Apr 230 1996	Yoshioka, T	204	403	Aug 19 1994
	US 5525511	June 11 1996	D'Costa, E	435	287.9	Aug 28 1991
	US 5543326	Aug 6 1993	Heller A	435	287.9	Mar 4 1994
	US 5547702	Aug 20 1996	Gleisner, J	427	2.13	Jul 8 1994
	US 5558834	Sep 24 1996	Chu, A	422	55	May 31 1995
	US 5575895	Nov 19 1996	Ikeda, S	204	403	May 30 1995
	US 5582697	Dec 10 1996	Ikeda, S	204	403	Apr 20 1995
	US 5593852	Jan 14 1997	Heller A	435	14	Dec 2 1993
	US 5609749	Mar 11 1997	Yamauchi, T	205	777.5	Dec 29 1994
	US 5609749	Mar 11 1997	Yamauchi, T	205	777.5	Dec 29 1994
	US 5620279	Apr 15 1997	Genshaw, M	204	402	May 5 1995
	US 5624537	April 29 1997	Turner, R	204	403	Sept 20 1994
	US 5628890	May 13 1997	Carter, N	204	403	Sep 27 1995
	US 5650062	Jul 22 1997	Ikeda, S	205	778	Sep 12 1995
	US 5653863	Aug 5 1997	Genshaw, M	205	777.5	May 9 1996
	US 5658444	Aug 19 1997	Black, M	204	415	May 11 1994
	US 5683562	Nov 4 1997	Schaffar B	204	403	Sep 14 1995
	US 5695947	Dec 9 1997	Guo D	435	11	Jun 6 1995
	US 5700695	Dec 23 1997	Yassinzadeh, Z	436	180	Jun 30 1994
	US 5705045	Jan 6 1998	Park, J.K	204	403	Aug 27 1996
	US 5708247	Jan 13 1998	McAleer, J	204	403	Feb 14 1996
	US 5708247	Jan 13 1998	McAleer, J	204	403	Feb 14 1996
	US 5710011	Jan 20 1998	Forrow N	435	25	Aug 9 1993
	US 5720862	Feb 24 1998	Hamamoto K	204	403	Apr 5 1996
	US 5720924	Feb 24 1998	Eikmeier, H	422	102	Mar 1 1996
	US 5723284	Mar 3 1998	Ye, L	435	4 .	Apr 1 1996
	US 5741634	Apr 21 1998	Nozoe, Y	435	4	Jun 6 1995

EXAMINER	DATE CONSIDERED	

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

**U.S. PATENT DOCUMENTS** 

EXAMINER'S						
INITIALS	11S 5759364	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 5759364	Jun 2 1998	Charlton SC	204	403	May 2 1997
	US 5759364	June 2 1998	Charlton, S	204	403	May 2 1997
	US 5762770	Jun 9 1998	Pritchard GJ	204	403	Feb 22 1994
_	US 5770369	Jun 23 1998	Meade, T	435	6	Dec 10 1993
	US 5773270	June 30 1998	D'Orazio, P	435	177	May 17 1994
	US 5776719	Jul 7 1998	Douglas, J	435	28	Apr 5 1996
	US 5795725	Aug 18 1998	Buechler K	435	7.1	Apr 18 1995
	US 5795774	Aug 18 1998	Matsumoto, T	435	287.9	July 10 1997
	US 5798030	Aug 25 1998	Raguse, B	204	403	May 17 1995
	US 5798031	Aug 25 1998	Charlton, S	204	403	May 12 1997
	US 5801057	Sep 1 1998	Smart, W	436	68	Mar 22 1996
	US 5824491	Oct 20 1998	Priest, J	435	28	May 17 1996
	US 5840171	Nov 24 1998	Birch, B	205	335	Dec 21 1993
	US 5849174	Dec 15 1998	Sanghera GS	205	775.	Aug 1 1994
	US 5866353	Feb 2 1999	Berneth H	435	26	Dec 9 1996
	US 5876957	Mar 2 1999	Douglas, J	435	28	Jan 8 1998
	US 5882494	Mar 16 1999	van Antwerp, W	204	403	Mar 27 1995
	US 5882494	Mar 16 1999	Antwerp, W	204	403	Aug 28 1995
	US 5900130	May 14 1999	Benvegnu, D	204	453	June 18 1997
	US 5906921	May 25 1999	Ikeda, S	435	25	Sep 24 1998
	US 5922188	Jul 13 1999	Ikeda, S	204	777.5	Mar 7 1997
	US 5951836	Sept 14 1999	McAleer, J	204	403	Jan 12 1998
	US 5958199	Sep 28 1999	Miyamoto, Y	204	403	Mar 12 1997
	US 5965380	Oct 12 1999	Heller A	435	14	Dec 2 1993
	US 5972199	Oct 26 1999	Heller, A	205	777.5	Feb 11 1997
	US 5985116	Nov 16 1999	Ikeda, S	204	403	Dec 12 1997
	US 5997817	Dec 7 1999	Crismore, W	422	58	Dec 5 1997
-	US 5997818	Dec 7 1999	Hackner, T	422	681	Feb 27 1997
	US 6020110	Feb 1 2000	Williams, S	430	315	Jun 23 1995
	US 6022324	02/2000	Skinner	600	566	
	US 6030827	Feb 29 2000	Davis G	435	287	Jan 23 1998
	US 6033866	March 7 2000	Guo D	435	14	Dec 8 1997
	US 6060327	May 9 2000	Keen R.E	436	518	May 14 199
	US 6066296	May 23 2000	Brady, T	422	63	Sep 23 1997
	US 6077408	Jun 20 2000	Miyamoto, Y	204	403	Jun 2 1998
	US 6083710	Jul 4 2000	Heller A	435	14	Dec 2 1993

EXAMINER	DATE CONSIDERED	

## INFORMATION DISCLOSURE OF PIEMENT

TO-1449 7007 W

ATTY. DOCKET NO.

38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

**U.S. PATENT DOCUMENTS** 

EVALUED12	THE RESERVE OF THE PERSON OF T	T	<u> </u>		1	
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
•	US 6090078	07/2000	Erskine	604	198	
	US 6103033	Aug 15 2000	Say, J	156	73.1	Mar 4 1998
	US 6107083	Aug 22 2000	Collins, T	435	288	Aug 21 1998
	US 6120676	Sep 19 2000	Heller, A	205	777.5	Jun 4 1999
-	US 6121009	Sep 19 2000	Heller A	435	14 .	Dec 2 1993
	US 6129823	Oct 10 2000	Hughes, G	204	403.01	Sep 5 1997
-	US 6153069	Nov 28 2000	Pottgen, P	204	403	Feb 9 1995
	US 6155992	12/2000	Henning et al	600	583	
	US 6162611	Dec 19 2000	Heller A	435	14	Dec 2 1993
	US 6177000	Jan 23 2001	Peterson, IR	205	777.5	Jun 14 1997
	US 6190612	Feb 20 2001	Berger, J	422	82.07	Jan 21 1998
	US 6197257	Mar 6 2001	Raskas, E	422	82.05	Aug 20 1998
	US 6206841	03/27/2001	Cunningham, et al.	600	584	
	US 6212417	Apr 3 2001	Ikeda, S	204	403.14	Aug 20 1999
	US 6221238	Apr 24 2001	Grundig B	205	777.5	May 24 199
	US 6225078	May 1 2001	Ikeda, S	435	25	Jul 27 1998
	US 6230501	May 15 2001	Bailey, R	62	51.1	May 3 1999
*	US 6241862	June 5 2001	McAleer,	204	403	Jan 12 1999
	US 6251260	Jun 26 2001	Heller, A	205	777.5	Aug 24 199
	US 6254831	Jul 3 2001	Barnard, S	422	82.08	Jan 21 1998
	US 6258229	Jul 10 2001	Winarta, H	204	403	Jun 2 1999
	US 6258229	Jul 10 2001	Winarta, H	204	403	Jun 2 1999
	US 6258254	Jul 10 2001	Miyamoto, Y	205	777.5	Jul 27 1998
	US 6268161	Jul 31 2001	Han IS	435	14	Oct 23 1997
	US 6270637	Aug 7 2001	Crismore, W	204	403	Aug 31 1999
	US 6272359	Aug 7 2001	Kivela, S	455	567	Oct 30 1997
	US 6281006	Aug 28 2001	Heller, A	435	287.9	Aug 24 199
	US 6284478	Sep 4 2001	Heller, A	435	14	Dec 1 1993
	US 6299757	Oct 9 2001	Feldman, B	205	775	Oct 6 1999
	US 6306347	Oct 23 2001	Mason, R	422	58	Jan 21 1998
. ,	US 6309535	Oct 30 2001	Williams, S	205	777.5	Nov 6 1997
	US 6312612	Nov 6 2001	Sherman, F	216	2	Jun 9 1999
	US 6338790	Jan 15 2002	Feldman, B	205	777.5	Apr 21 1999
	US 6350451	Feb 26 2002	Horn, T	424	184.1	Jun 25 1999
	US 6364889	04/2002	Kheiri et al.	606	181	
	US 6387709	May 14 2002	Mason, R	436	164	Aug 29 200
	US 6399394	Jun 4 2002	Dahm, S	436	180	Jun 30 1999

EXAMINER DATE CONSIDERED

# DISCLOSURE SOATEMED TO PTO-1449 MAR 1 6 2007

ATTY. DOCKET NO.
20107 2704

38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

### **U.S. PATENT DOCUMENTS**

EXAMINER'S	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
INITIALS		Jul 2 2002	Hodges, A	205	775	Jul 18 2000
	US 6413410				777.5	Feb 9 1995
	US 6413411	Jul 2 2002	Pottgen, P	205		
	US 6428664	Aug 6 2002	Bhullar, R	204	403.03	Jun 19 2000
	US 6436256	Aug 20 2002	Williams, S	204	403.06	Jun 3 1998
	US 6436721	Aug 20 2002	Kuo, H	436	514	Jul 25 1997
	US 6440645	Aug 27 2002	Yon-Hin, B	430	322	Jul 20 1998
	US 6458258	Oct 1 2002	Taniike, Y	204	403	Dec 27 2000
	US 6462162	Oct 8 2002	van Antwerp, W	528	77	Jul 28 1998
	US 6471903	Oct 29 2002	Sherman, F	264	328.1	Sep 19 2001
	US 6475436	Nov 5 2002	Schabbach, M	422	64	Jan 21 2000
	US 6514460	Feb 4 2003	Fendrock, C	422	55	Jul 28 1999
	US 6520326	Feb 18 2003	McIvor, C	206	305	Oct 9 2001
	US 6530892	03/11/2003	Kelly	600	583	
	US 6530892	03/2003	Kelly	600	583	
	US 6533949	Mar 18 2003	Yeshurun, Y	216	11	Oct 2 2000
	US 6540891	Apr 1 2003	Stewart, A	204	403.14	May 6 1999
	US 6547954	Apr 15 2003	Ikeda, S	205	777.5	Jan 18 1999
	US 6551494	Apr 22 2003	Heller, A	205	777.5	Apr 6 2000
	US 6555061	Apr 29 2003	Leong, KW	422	58	Oct 5 2000
	US 6558528	May 6 2003	Matzinger, D	205	777.5	Dec 20 2000
	US 6565808	May 20 2003	Hudak, T	422	58	May 18 2001
	US 6576101	Jun 10 2003	Heller, A	204	403.14	Oct 6 1999
	US 6576416	Jun 10 2003	Haviland, A	435	4	Jun 19 2001
	US 657646	Jun 10 2003	Haviland, A	435	4	Jun 19 2001
	US 6592745	Jul 15 2003	Feldman, B	205	777.5	May 17 2000
	US 6599407	Jul 29 2003	Taniike, Y	204	403.1	Dec 27 2000
	US 6599693	Jul 29 2003	Webb, P	435	4	Jul 31 2000
	US 6602678	Aug 5 2003	Kwon, S	435	14	Dec 17 2001
	US 6607658	Aug 19 2003	Heller, A	205	777.5	Nov 15 2000
	US 6616819	Sep 9 2003	Liamos, C	204	403.02	Nov 4 1999
	US 6635222	Oct 21 2003	Kent, R	422	22	Nov 5 2001
	US 6645368	Nov 11 2003	Beatty, T	205	792	Dec 21 1998
	US 6652720	Nov 25 2003	Mansouri S	204	403.11	May 31 2001
,	US 6656702	Dec 2 2003	Yugawa, K	435	26	Jun 230 1999
	US 6706159	Mar 16 2004	Moerman, P	204	403.03	Mar 2 2000
	US 6706232	Mar 16 2004	Hasegawa, M	264	403.09	Mar 4 2003

EXAMINER	DATE CO	NSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SV 2265196 vI

-11-

### ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

MAR 1 6 2007

**INFORMATION** 

DISCLOSURE STATEMENT

**U.S. PATENT DOCUMENTS** 

	DATE	<u>/</u>		1	<u> </u>	
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 6719887	Apr 13 2004	Hasegawa, M	204	403.09	Dec 5 2001
	US 6719923	April 13 2004	Stiene, M	252	511	Oct 18 2001
	US 6723371	Apr 20 2004	Chih-hui, L	472	2.13	May 31 2001
	US 6723500	Apr 20 2004	Yu, YS	435	4	Dec 5 2001
	US 6726818	Apr 27 2004	Cui et al.	204	403.01	Jul 13 2001
•	US 6740215	May 25 2004	Yamamoto, T	204	403.14	Nov 16 2000
	US 6745750	Nov 5 2002	Han IS	435	14	May 11 1995
	US 6749792	June 15 2004	Olsen, L	264	328.1	July 9 2001
	US 6759190	July 6 2004	Lin, JN	435	4	Jun 15 2002
	US 6764581	July 20 2004	Forrow, N	204	403	Sept 5 1997
	US 6767441	July 27 2004	Cai, X	204	403.03	July 31 2001
-	US 6773671	Aug 10 2004	Lewis, ME	422	58	Nov 17 1999
	US 6776888	Aug 17 2004	Yamamoto, T	204	403.06	July 26 2001
	US 6780645	Aug 24 2004	Hayter, PG	436	8	Aug 21 2002
	US 6780647	Aug 24 2004	Fujiwara, S	436	169	Oct 1 2001
	US 6784274	Aug 31 2004	van Antwerp, W	528	77	Aug 6 2002
	US 6787013	Sep 7 2004	Chang, CY	204	412	Sep 10 2001
	US 6787109	Sep 7 2004	Haar, H-P	422	82.05	June 29 200
*	US 6790327	Sep 14 2004	Ikeda, S	204	403.1	Dec 21 2001
	US 6790599	Sep 14 2004	Madou, M	430	320	July 13 2000
	US 6793802	Sep 21 2004	Lee, JP	205	777.5	Jan 4 2001
	US 6797150	Sep 28 2004	Kermani,M	205	777.5	Oct 10 2001
	US 6800488	Oct 5 2004	Khan, TS	436	166	Dec 13 3000
	US 6802957	Oct 12 2004	Jung, SK	205	777.5	Sep 28 2001
-	US 6805780	Oct 19 2004	Ryu J	204	403.01	Apr 6 2000
	US 6808908	Oct 26 2004	Yao, L	435	181	May 30 200
	US 6808937	Oct 26 2004	Ligler, F	436	518	July 13 200
	US 6811659	Nov 2 2004	Vachon, DJ	.204	224	Dec 13 200
	US 6811753	Nov 2 2004	Hirao, E	422	101	Dec 27 2000
	US 6811792	Nov 2 2004	Roser, BJ	424	423	Oct 25 2002
	US 6812031	Nov 2 2004	Carlsson, T	436	52	July 8 1998
	US 6814843	Nov 9 2004	Bhullar, R	204	403.01	Nov 1 2000
	US 6814844	Nov 9 2004	Bhullar, R	204	403.1	Aug 29 200
	US 6814845	Nov 9 2004	Wilson, G	204	486	Nov 21 200
-	US 6815186	Nov 9 2004	Clark, L	435	183	Jan 28 2002
	US 6818180	Nov 16 2004	Douglas, J	422	58	June 14 200
	US 6821483	Nov 23 2004	Phillips, R	422	58	Jan 24 2002

DATE CONSIDERED **EXAMINER** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in

# INFORMATION DISCLOSURES TRIBMENT

PTO-1449

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

**U.S. PATENT DOCUMENTS** 

	TARES OF THE PARTY		<del>, , , , , , , , , , , , , , , , , , , </del>	т. —	г	· · · ·
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US 6825047	Nov 30 2004	Woudenberg, TW	436	518	Jul 28 2000
	US 6827250	Dec 7 2004	Uhland, SA	228	110.1	Jun 28 2002
	US 6827829	Dec 7 2004	Kawanaka, S	204	403.02	Mar 6 2003
	US 6830668	Dec 14 2004	Musho, M	204	400	Apr 30 2002
	US 6830669	Dec 14 2004	Miyazaki, S	204	409	Dec 1 2000
	US 6833540	Dec 21 2004	MacKenzie, HA	250	214	Jun 10 2002
	US 6835553	Dec 28 2004	Han IS	435	14	Apr 11 2002
	US 6837976	Jan 4 2005	Cai, X	204	403.14	Apr 19 2002
	US 6837988	Jan 4 2005	Leong KW	205	792	Jun 12 2001
	US 6841052	Jan 11 2005	Musho, M	204	401	May 21 2001
	US 6849168	Feb 1 2005	Crumly, W	204	416	Nov 13 2000
	US 6849216	Feb 1 2005	Rappin, C	264	134	Mar 23 2001
	US 8800781	Sep 1 1998	Gavin, M	422	73	Sep 25 1996
	US RE 36268	Aug 17 1999	Szuminsky N	205	777.5	Mar 15 1988
<u> </u>	RE 32922	Mar 16 1989	Levin, P	128	314	Apr 2 1987
	RE 35803	May 19 1998	Lange, H	606	182	Mar 1 1996
	US 2001/0027328	Oct 4 2001	Lum, P	606	186	Apr 30 2001
	US 2001/0054319	Dec 27 2001	Heller, A	73	849	May 11 2001
	US 2002/0029058	Mar 7 2002	Levaughn, R	606	181	Aug 14 2001
	US 2002/0040230	Apr 4 2002	Kuhr, HJ	606	181	Jun 19 2001
	US 2002/0052618	May 2 2002	Haar, H-P	606	181	Oct 31 2001
	US 2002/0078091	Jun 20 2002	Vu, S	707	513	Jul 18 2001
	US 2002/0087056	Jul 4 2002	Aceti, J	A61B	5,00	Dec 20 2000
	US 2002/0120216	Aug 29 2002	Fritz, M	600	583	Sep 26 2001
	US 2002/0137998	Sep 26 2002	Smart, W	600	347	Mar 26 2001
	US 2002/0161289	Oct 31 2002	Hopkins, G	600	322	Apr 30 2001
	US 2002/0177761	Nov 28 2002	Orloff, E	600	309	Apr 24 2002
	US 2002/0188224	Dec 12 2002	Roe, J	600	584	Jun 7 2002
	US 2002/0188224	Dec 2 2002	Roe, J	600	584	Jun 7 2002
	US 2003/0018282	Jan 23 2003	Effenhauser, C	600	583	Aug 30 2001
	US 2003/0018300	Jan 23 2003	Duchon, B	604	164.01	Sep 19 2002
	US 2003/0028126	Feb 6 2003	List, H	600	583	May 3 2002
	US 2003/0050573	Mar 13 2003	Kuhr, HJ	600	567	Aug 29 2002
	US 2003/0050656	Mar 13 2003	Schraga, S	606	182	Jun 13 2002
	US 2003/0060730	Mar 27 2003	Perez, E	600	576	Aug 29 2002
	US 2003/0073931	Apr 17 2003	Boecker, B	600	573	Oct 16 2001

EXAMINER	DATE CONSIDERED	

## ATTY. DOCKET NO. 38187-2784

INFORMATION DISCLOSURE STATE

MAR 1 6 2007

SERIAL NO. 10/541,124

APPLICANT: Freeman

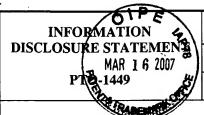
FILING DATE: 03/31/2006

GROUP: 1744

**U.S. PATENT DOCUMENTS** 

 TRABET	<u> </u>				
US 2003/0083685	May 1 2003	Freeman, D	606	181	Jun 12 2001
US 2003/0083686	May 1 2003	Freeman, D	606	181	Jun 12 2001
US 2003/0093010	May 15 2003	Essenpreis, M	600	583	Nov 15 2001
US 2003/0109777	Jun 12 2003	Kloepfer, H	600	367	Dec 6 2002
US 2003/0135333	Jul 17 2003	Aceti, J	702	31	Jan 22 2003
US 2003/0144608	Jul 31 2003	Kojima, S	600	583	Jan 21 2002
US 2003/0144609	Jul 31 2003	Kennedy, G	600	583	Jan 23 2003
US 2003/0149348	Aug 7 2003	Raskas, E	600	310	Feb 11 2003
US 2003/0149377	Aug 7 2003	Erickson, B	600	573	Mar 6 2003
US 2003/0153900	Aug 14 2003	Aceti, J.G	604	890.1	Apri 23 2002
US 2003/0191415	Oct 9 2003	Moerman, P	600	584	Apr 2 2002
US 2003/0195435	Oct 16 2003	Williams, A	600	583	Apr 12 2002
 US 2003/0195540	Oct 16 2003	Moerman, P	606	181	May 19 2003
US 2003/0199744	Oct 23 2003	Buse, J	600	347	Apr 17 2003
US 2003/0199789	Oct 23 2003	Boecker, D	600	575	Apr 19 2002
US 2003/0199790	Oct 23 2003	Boecker, D	600	576	Apr 19 2002
 US 2003/0199791	Oct 23 2003	Boecker, D	600	576	Apr 19 2002
US 2003/0199891	Oct 23 2003	Argauer, H	606	181	Sep 5 2002
US 2003/0199891	Oct 23 2003	Argauer H	606	181	Sept 5 2002
US 2003/0199893	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199894	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199896	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199897	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199898	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199899	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199900	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199901	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199902	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199903	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199904	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199905	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199906	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199907	Oct 23 2003	Boecker, D	606	181 <sup>-</sup>	Apr 19 2002
US 2003/0199908	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199909	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199910	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199911	Oct 23 2003	Boecker, D	606	181	Apr 19 2002
US 2003/0199912	Oct 23 2003	Pugh, J	606	182	Apr 23 2002
US 2003/0208140	Nov 6 2003	Pugh, J	600	584	May 1 2002

EXAMINER	DATE CONSIDERED



ATTY. DOCKET	NO.
38187-2784	

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

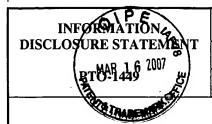
SERIAL NO.

10/541,124

**U.S. PATENT DOCUMENTS** 

	US 2003/0212344	Nov 13 2003	Yuzhakov, V	600	583	May 9 2002
	US 2003/0212345	Nov 13 2003	McAllister, D	600	584	May 9 2002
	US 2003/0212346	Nov 13 2003	McAllister, D	600	584	May 9 2002
	US 2003/0212347	Nov 13 2003	Sohrab, B	600	584	May 9 2002
	US 2003/0212423	Nov 13 2003	Pugh, J	606	181	May 9 2002
	US 2003/0212424	Nov 13 2003	Briggs, B	606	181	Apr 19 2002
	US 2003/0216767	Nov 20 2003	List, H	606	181	May 14 2003
	US 2003/0220552	Nov 27 2003	Reghabi, B	600	365	Feb 12 2003
	US 2003/0220663	Nov 27 2003	Fletcher, H	606	182	May 22 2002
	US 2003/0225429	Dec 4 2003	Garthe, K-D	606	182	Feb 7 2003
	US 2003/0225430	Dec 4 2003	Schraga, S	606	182	Jun 18 2003
	US 2003/0233055	Dec 18 2003	Erickson, B	600	573	Mar 6 2003
	US 2004/0006285	Jan 8 2004	Douglas, J	600	583	Jul 3 2003
	US 2004/0010279	Jan 15 2004	Freeman, D	606	182	Apr 19 2002
	US 2004/0015064	Jan 22 2004	Parsons, J	600	347	Jun 17 2003
	US 2004/0019250	Jan 29 2004	Catelli, P	600	1	Jun 2 2003
	US 2004/0030353	Feb 12 2004	Schmelzeisen-R, G	606	201	Apr 9 2003
	US 2004/0034318	Feb 19 2004	Fritz, M	604	19	Oct 30 2001
	US 2004/0039303	Feb 26 2004	Wurster, T	600	584	May 19 2003
	US 2004/0039303	Feb 26 2004	Wurster,T	A61B	5,00	Nov 21 2001
	US 2004/0039342	Feb 26 2004	Eppstein, J	604	200	Mar 11 2003
	US 2004/0039407	Feb 26 2004	Schraga, S	606	181	Apr 29 2002
	US 2004/0039408	Feb 26 2004	Abulhaj, R	606	181	Apr 9 2003
	US 2004/0049220	March 11 2004	Boecker, D	606	181	Dec 18 2002
	US 2004/0054267	Mar 18 2004	Feldman, B	600	316	Sep 15 2003
	US 2004/0059256	Mar 25 2004	Perez, E	600	583	Sep 25 2002
	US 2004/0061841	Apr 1 2004	Black MM	355	30	Jul 19 2002
	US 2004/0064068	Apr 1 2004	DeNuzzio, J	600	583	Sep 30 2002
	US 2004/0098010	May 20 2004	Davison, G	606	181	Aug 5 2003
	US 2004/0102803	May 27, 2004	Boecker, D.	606	183	Dec 18 2002
	US 2004/0106858	Jun 3 2004	Say, J	600	345	Nov 24 2003
	US 2004/0106859	Jun 3 2004	Say, J	600	345	Nov 24 2003
	US 2004/0106860	Jun 3 2004	Say, J	600	345	Nov 24 2003
	US 2004/0106904	Jun 3 2004	Gonnelli, R	604	173	Oct 7 2003
	US 2004/0106941	Jun 3 2004	Roe, S	606	181	Dec 3 2002
	US 2004/0116829	Jun 17 2004	Raney, C	600	573	Dec 5 2003
·	US 2004/0122339	June 24 2004	Roe, S	A61B5	0 .	Dec 10 2003
	US 2004/0127818	July 1 2004	Roe, S	600	583	Dec 27 2002

EXAMIN	JER .	DATE CONSIDERED	



ATTY. DOCKET NO.	
20105 2504	

38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

**U.S. PATENT DOCUMENTS** 

US 2004/0127819	July 1 2004	Roe, S	600	583	Dec 16 2003
US 2004/0127928	July 1 2004	Whitson, R	606	181	Oct 14 2003
US 2004/0127929	July 1 2004	Roe, S	606	181	Dec 16 2003
US 2004/0133125	July 8 2004	Miyashita, M	600	573	March 19 2003
US 2004/0133127	July 8 2004	Roe, J	600	583	Dec 17 2003
US 2004/0138541	July 15 2004	Ward, K	600	345	Jan 13 2003
US 2004/0138588	July 15 2004	Saikley, C	600	583	Nov 4 2003
US 2004/0138688	July 15 2004	Giraud, J.P	606	181	Oct 9 2003
US 2004/0158137	Aug 12 2004	Eppstein, J	600	347	Sept 25 2003
. US 2004/0158271	Aug 12 2004	Hamamoto, K	606	181	June 10 2002
US 2004/0162473	Aug 19 2004	Sohrab, B	600	345	Feb 18 2004
US 2004/0162474	Aug 19 2004	Kiser, E	600	345	Feb 18 2004
US 2004/0162506	Aug 19 2004	Duchon, B	600	583	Jan 8 2004
US 2004/0162573	Aug 19 2004	Keheiri, M.A	606	182	Feb 11 2004
US 2004/0167383	Aug 26 2004	Kim, L	600	365	Feb 13 2004
US 2004/0171968	Sep 2 2004	Katsuki, K	600	583 -,	Jul 2 2002
US 2004/0172000	Sep 2 2004	Roe, DC	604	361	Jan 8 2004
US 2004/0176705	Sep 9 2004	Stevens, T.A	600	584	March 4 2003
US 2004/0176732	Sep 9 2004	Frazier, AB	604	345	Jun 1 2001
US 2004/0186359	Sep 23 2004	Beaudoin, S	600	310	July 9 2002
US 2004/0186394	Sep 23 2004	Roe, S.N	600	598	Jan 29 2004
US 2004/0186500	Sep 23 2004	Koilke, M	606	181	July 10 2002
US 2004/0193201	Sep 30 2004	Kim, YP	606	181	Apr 9 2003
US 2004/0194302	Oct 7 2004	Bhullar, R	29	847	June 20 2003
US 2004/0199062	Oct 7 2004	Petersson, B	600	316	Jun 27 2002
US 2004/0204662	Oct 14 2004	Perez, E	600	583	Jan 23 2004
US 2004/0210279	Oct 21 2004	Gruzdev, V	607	89	May 10 2004
US 2004/0215224	Oct 28 2004	Sakata, T	606	181	July 18 2002
US 2004/0215225	Oct 28 2004	Nakayama, H	606	182	Apr 21 2004
US 2004/0216516	Nov 4 2004	Sato,Y	73	64.56	July 30 2002
US 2004/0220456	Nov 4 2004	Eppstein, J	600	309	Feb 6 2004
US 2004/0220495	Nov 4 2004	Cahir, N	600	562 .	March 28 2003
US 2004/0220603	Nov 4 2004	Rutynowski, W	606	181	Aug 9 2002
US 2004/0225230	Nov 11 2004	Liamos, C	600	583	June 12 2004
US 2004/0225311	Nov 11 2004	Levaughn, R	606	181	June 9 2004
US 2004/0225312	Nov 11 2004	Orloff, E	606	182 .	May 9 2003
US 2004/0230216	Nov 18 2004	Levaughn, R	606	181 .	Jun 11 2002
US 2004/0236250	Nov 25 2004	Hodges, A	600	583 .	Feb 13 2003

EXAMINER

DATE CONSIDERED



ATTY.	DOCK	ΕT	NO.

38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

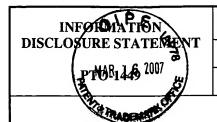
FILING DATE: 03/31/2006

GROUP: 1744

### **U.S. PATENT DOCUMENTS**

US 2004/0236251	Nov 25 2004	Roe, S	600	583	Dec 23 2003
US 2004/0236268	Nov 25 2004	Mitragotri, SS	604	20	Mar 5 2004
US 2004/0236362	Nov 25 2004	Schraga,S	606	181	May 20 2003
US 2004/0242977	Dec 2 2004	Dosmann, A	600	315	May 17 2004
 US 2004/0243164	Dec 2 2004	D'Agostino, D	606	181	May 29 2003
US 2004/0243165	Dec 2 2004	Koike, M	606	181	Jul 10 2002
US 2004/0249310	Dec 9 2004	Shartle, R	600	583	Jun 12 2001
US 2004/0249311	Dec 9 2004	Haar, H-P	600	584	Feb 2 2002
US 2004/0249405	Dec 9 2004	Watanabe, M	606	181	Apr 3 2003
US 2004/0249406	Dec 9 2004	Griffin, C.E.	606	182	Mar 22 2004
US 2004/0254434	Dec 16 2004	Goodnow, T	600	365	June 10 2003
US 2004/0254599	Dec 16 2004	Lipoma, M.V.	606	181	Mar 25 2004
US 2004/0260204	Dec 23 2004	Boecker, D	600	584	Jul 16 2004
US 2004/0260324	Dec 23 2004	Fukuzawa, M	606	181	Oct 25 2002
US 2004/0260325	Dec 23 2004	Kuhr, HJ	606	181	Mar 22 2004
US 2004/0260326	Dec 23 2004	Lipoma, M.V.	606	182	Mar 24 2004
 US 2004/0260511	Dec 23 2004	Burke, D	702	182	Oct 17 2003
US 2004/0267105	Dec 30 2004	Monfre, S.I.	600	344.	Apr 13 2004
US 2004/0267160	Dec 30 2004	Perez, E	600	583	Sep 25 2002
US 2004/0267229	Dec 30 2004	Moerman, P	604	500	Aug 16 2002
US 2004/0267299	Dec 30 2004	Kuriger, R.J.	606	181	May 14 2004
US 2004/0267300	Dec 30 2004	Mace, C-H	606	182	Jun 27 2003
US 2004/0092995	May 13, 2004	Boecker, D	606	181	May 2, 2003
US 2005/0004494	Jan 6 2005	Perez, E	600	583	Jan 22 2002
US 2005/0010090	Jan 13 2005	Acosta, G	600	316	Mar 8 2002
US 2005/0010093	Jan 13 2005	Ford, R	600	345	Aug 10 2001
US 2005/0010134	Jan 13 2005	Douglas, J	600	573	May 16 1997
US 2005/0010137	Jan 13 2005	Hodges, A	600	583	Mar 27 2000
US 2005/0010198	Jan 13 2005	Marchitto, K	606	9	Oct 28 1992
US 2005/0014997	Jan 20 2005	Ruchti, T	600	310	May 21 2003
US 2005/0015020	Jan 20 2005	Levaughn, R	600	583	Feb 21 2002
US 2005/0021066	Jan 27 2005	Kuhr, HJ	606	181	Aug 29 2002
US 3358689	Dec 19 1967	Higgins, J	128	329	June 9 1964
US 3494358	Feb 10 1970	Grossenbacher, R	128	218	Dec 18 1967
US 3626929	Dec 14 1971	Sanz, M	128	2R	July 18 1969
US 3742954	Jul 3 1973	Strickland, F	128	302	Feb 22 1972
US 4360016	Nov 23 1982	Sarrine, R	128	763	Jul 1 1980
US 4414975	Nov 15 1983	Ryder, F	128	314	May 15 1981
US 4426884	Jan 24 1984	Polchaninoff, M	73	172	Feb 24 1982

EXAMINER	DATE CONSIDERED		



ATTY. DOCKET	NO.
20105 0504	

38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

### **U.S. PATENT DOCUMENTS**

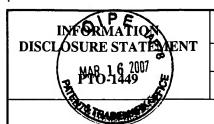
US 4469 US 451 US 4539 US 4549 US 4555 US 457 US 4580 US 4600 US 4610 US 4610 US 4620 US 4640 US 4640 US 4670 US 4671 US 4711 US 4711	7978 9988 5382 3541 7630 0564 0565 8997 5340 6649 2974 4253 3189 8408 3511	Sep 10 1985 Oct 8 1985 Nov 19 1985 Mar 25 1986 Apr 8 1986 Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 18 1986 Feb 17 1987 Mar 10 1987	Slama, G Levin, P Shirley, G Higgins IJ Burns Nitzsche, R Anderson, M Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 128 128 128 128 502 128 128 128 128 128 128	314	Jun 17 1982 Jan 13 1983 Jul 5 1983 Oct 23 1981 1/20/1984 Feb 14 1984 Jun 7 1983 Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984 Jan 18 1985
US 4539 US 4549 US 4557 US 4577 US 4580 US 4600 US 4610 US 4610 US 4620 US 4640 US 4640 US 4650 US 4670 US 4711 US 4711	9988 5382 3541 7630 0564 0565 8997 5340 6649 2974 4253 3189 8408	Sep 10 1985 Oct 8 1985 Nov 19 1985 Mar 25 1986 Apr 8 1986 Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 18 1986 Feb 17 1987 Mar 10 1987	Shirley, G Higgins IJ Burns Nitzsche, R Anderson, M Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 128 128 502 128 128 128 128 128 128	314 635 314 314 8 314 763 635 314 634 314	Jul 5 1983 Oct 23 1981 1/20/1984 Feb 14 1984 Jun 7 1983 Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 454: US 455: US 457' US 458: US 460: US 461: US 461: US 462: US 464: US 465: US 467: US 471:	5382 3541 7630 0564 0565 8997 5340 6649 2974 4253 3189 8408	Oct 8 1985 Nov 19 1985 Mar 25 1986 Apr 8 1986 Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Higgins IJ Burns Nitzsche, R Anderson, M Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 128 502 128 128 128 128 128 128	635 314 314 8 314 763 635 314 634 314	Oct 23 1981 1/20/1984 Feb 14 1984 Jun 7 1983 Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 455: US 457: US 458: US 460: US 461: US 461: US 462: US 464: US 464: US 465: US 467: US 471:	3541 7630 0564 0565 8997 5340 6649 2974 4253 3189 8408 3511	Nov 19 1985 Mar 25 1986 Apr 8 1986 Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Burns Nitzsche, R Anderson, M Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 502 128 128 128 128 128 128	314 8 314 763 635 314 634 314	1/20/1984 Feb 14 1984 Jun 7 1983 Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 457' US 4580 US 4580 US 4600 US 4610 US 4610 US 4620 US 4640 US 4640 US 4640 US 4650 US 4670 US 4671 US 4711	7630 0564 0565 8997 5340 6649 2974 4253 3189 8408	Mar 25 1986 Apr 8 1986 Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Nitzsche, R Anderson, M Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 502 128 128 128 128 128 128	314 8 314 763 635 314 634 314	Feb 14 1984 Jun 7 1983 Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 4580 US 4580 US 4600 US 4610 US 4610 US 4620 US 4620 US 4640 US 4640 US 4650 US 4670 US 4671 US 4711	0564 0565 8997 5340 6649 2974 4253 3189 8408	Apr 8 1986 Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Anderson, M Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	502 128 128 128 128 128 128	8 314 763 635 314 634 314	Jun 7 1983 Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 4580 US 4600 US 4610 US 4610 US 4620 US 4620 US 4640 US 4640 US 4650 US 4670 US 4671 US 4711	0565 8997 5340 6649 2974 4253 3189 8408 3511	Apr 8 1986 Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Cornell, W Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 128 128 128 128	314 763 635 314 634 314	Mar 7 1985 Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 4600 US 4611 US 4621 US 4622 US 4642 US 4644 US 4645 US 4676 US 4676 US 4677 US 4711 US 4711	8997 5340 6649 2974 4253 3189 8408	Sep 2 1986 Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Conway, H Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 128 128 128	763 635 314 634 314	Jan 25 1985 Jan 28 1986 Sep 20 1984 Mar 7 1984
US 461: US 461: US 462: US 462: US 464: US 465: US 467: US 467: US 471: US 471:	5340 6649 2974 4253 3189 8408 3511	Oct 7 1986 Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Cronenberg, R Burns, J Coleman, J Burns, J Mintz, M	128 128 128 128	635 314 634 314	Jan 28 1986 Sep 20 1984 Mar 7 1984
US 4610 US 4622 US 4642 US 4644 US 4654 US 4676 US 4676 US 4711 US 4711	6649 2974 4253 3189 8408 3511	Oct 14 1886 Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Burns, J Coleman, J Burns, J Mintz, M	128 128 128	314 634 314	Sep 20 1984 Mar 7 1984
US 462: US 464: US 464: US 465: US 467: US 467: US 471:	2974 4253 3189 8408 3511	Nov 18 1986 Nov 25 1986 Feb 17 1987 Mar 10 1987	Coleman, J Burns, J Mintz, M	128 128	634 314	Mar 7 1984
US 4624 US 4645 US 4655 US 4676 US 4676 US 4711 US 4711	4253 3189 8408 3511	Nov 25 1986 Feb 17 1987 Mar 10 1987	Burns, J Mintz, M	128	314	
US 464 US 464 US 465 US 467 US 467 US 471 US 471	3189 8408 3511	Feb 17 1987 Mar 10 1987	Mintz, M			Jan 18 1985
US 464 US 465 US 467 US 467 US 471 US 471	8408 3511	Mar 10 1987		128	214	
US 465: US 467: US 467: US 471: US 471:	3511		TT		314	Feb 19 1985
US 467 US 467 US 471 US 471			Hutcheson, D	128	770	May 7 1985
US 467 US 471 US 471	6244	Mar 31 1987	Goch, T	128	763	Oct 5 1984
US 471 US 471	02	Jun 30 1987	Enstrom, H	128	314	Oct 14 1983
US 471	7979	Jul 7 1987	Burns, J	128	314	Jun 11 1985
	1245	Dec 8 1987	Higgins IJ	128	635	Oct 22 1982
US 471.	2548	Dec 15 1987	Enstrom, H	128	314	Dec 19 1985
	5374	Dec 29 1987	Maggio, J	128	314	Nov 14 1986
US 473	5203	Apr 5 1988	Ryder, F	128	314	Dec 12 1986
US 481	4661	Mar 21 1989	Ratzlaff, M	310	328	Oct 26 187
US 482	0010	Apr 11 1989	Sciefres, D '	385	43	Apr 12 1988
US 482	7763	May 9 1989	Bourland, J	73	172	Apr 11 1986
US 484	4095	Jul 4 1989	Chiodo, D	128	314	Dec 14 1987
US 485	0973	Jul 25 1989	Jordan, P	604	157	Oct 16 1987
US 486	9249	Sep 26 1989	Crossman, D	128	314	May 2 1988
US 486	9265	Sep 26 1989	McEwen, J	128	774	Apr 3 1987
US 487	3993	Oct 17 1989	Meserol, P	128	780	Jul 13 1987
US 488	3068	Nov 28 1989	Dechow, F	128	760	Mar 14 1988
US 488	9529	Dec 26 1989	Haindl, H	604	274	Jul 1 1988
US 489	2097	Jan 9 1990	Ranalletta, J	606	182	Feb 9 1988
US 489	5147	Jan 23 1990	Bodicky, R	606	182	Oct 28 1988
US 492	0977	May 1 1990	Haynes, J	128	770	Oct 25 1988
US 495	3552	Sep 4 1990	DeMarzo, A	128	635	Apr 21 1989
US 497	6724	Dec 11 1990	Nieto, R	606	182	Aug 25 1989
US 498	3178	1/8/1991	Schnell	606	181	11/14/1988
US 499	0154	Feb 5 1991	Brown, M	606	182	Jun 19 1989

EXAMINER	DATE CONSIDERED
	211.2 00.10122122

INFORMATION	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124			
DISCLOSURE STATEMENT	APPLICANT: Freeman				
PTO-1449	FILING DATE: 03/31/2006	GROUP: 1744			
U.S. PATENT DOCUMENTS					

US 5014718 May 14 1991 Mitchen, J 128 771 Sep 22 198 US 5026388 Jun 25 1991 Ingalz, T 606 182 Sep 26 198 US 5054499 Oct 8 1991 Swierczek, R 128 770 Aug 10 199 US 5060174 Oct 22 1991 Gross, C 702 139 Apr 18 199 US 5070886 Dec 10 1991 Mitchen, J 128 771 Jun 19 1999 US 5070886 Dec 10 1991 Brown, M 606 182 Jul 25 1998 US 5074872 Dec 24 1991 Brown, M 606 182 Jul 25 1998 US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 199 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 1959 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 21 1999 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 199 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 199 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1999 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1992 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 523656 Oct 19 1993 Rinco, L 29 437 Apr 14 199 US 525066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 525066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 525066 Oct 5 1993 Lambert, J 606 181 Jan 8 1993 US 525066 Oct 5 1993 Rincoe, R 128 782 May 23 19 US 5304192 Apr 19 1994 Crouse, R 606 182 Aug 12 19 US 5304193 Apr 19 1994 Crouse, R 606 182 Aug 12 19 US 5314441 May 24 1994 Susumu, M 606 182 Aug 12 19 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1990 US 5314441 May 24 1994 Susumu, M 606 182 May 5 195 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1990 US 5324303 June 28 1994 Strong, B 606 181 Jan 11 195 US 5324303 June 28 1994 Strong, B 606 182 Feb 3 1994 US 5324303 June 28 1994 Strong, B 606 182 Feb 3 1994 US 5353692 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 50107	72 Apr 30 1991	Bourland, J	73	862.04	May 5 1989
US 5026388 Jun 25 1991 Ingalz, T 606 182 Sep 26 198 US 5054499 Oct 8 1991 Swierczek, R 128 770 Aug 10 199 US 5060174 Oct 22 1991 Gross, C 702 139 Apr 18 199 US 5070886 Dec 10 1991 Mitchen, J 128 771 Jun 19 199 US 5070872 Dec 24 1991 Brown, M 606 182 Jul 25 1999 US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 199 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 195 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 199 US 5100428 Mar 31 1992 Holman, R 604 117 Apr 18 193 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 199 US 5133730 Jul 28 1992 Biro, L 606 181 Feb 5 1990 US 5166611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1999 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 19 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250666 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 780 11/20/199 US 5304192 Apr 19 1994 Crouse, R 606 182 Jun 19 199 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 19 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 19 US 5314442 May 24 1994 Crouse, R 606 182 Dec 28 199 US 5314441 May 24 1994 Crouse, R 606 182 May 3 19 US 5314441 May 24 1994 Crouse, R 606 182 Dec 28 19 US 5314441 May 24 1994 Crouse, R 606 182 Dec 28 19 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314441 May 24 1994 Crouse, R 606 182 May 5 199 US 5314442 May 24 1994 Susumu, M 606 182 May 5 199 US 5316012 May 31 1999 Evans, D 606 181 May 5 199 US 5316012 May 31 1999 Evans, D 606 181 May 5 199 US 5324303 Jun 28 1999 Crouse, R 606 181 Dec 28 199 US 5324303 June 28 1994 Crouse, R 606 181 Dec 28 199 US 5324303 June 28 1994 Crouse, R 606 181 Dec 28 199 US 5324303 June 28 1994 Crouse, R 606 181 Feb 3 1996 US 5324303 Sep 27 1994 Purcell, D 606 182 Feb 3 1996	US 50107	74 Apr 30 1991	Kikuo, K	. 73	862.04	Nov 4 1988
US 5054499 Oct 8 1991 Swierczek, R 128 770 Aug 10 19 US 5060174 Oct 22 1991 Gross, C 702 139 Apr 18 195 US 5070886 Dec 10 1991 Mitchen, J 128 771 Jun 19 199 US 5074872 Dec 24 1991 Brown, M 606 182 Jul 25 1996 US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 199 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 195 US 5100428 Mar 31 1992 Humford, E 606 182 Dec 11 199 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 198 US 5133730 Jul 28 1992 Biro, L 606 182 Dec 11 199 US 5136611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5163442 Nov 17 1992 Oros, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 19 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250666 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5304192 Apr 19 1994 Crouse, R 606 182 Jan 19 199 US 5314441 May 24 1994 Susumu, M 606 182 Aug 12 19 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314444 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 531629 Jun 29 1999 Evans, D 606 181 Oct 13 199 US 5324303 June 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Crouse, R 606 181 Dat 11 19 19 19 19 19 19 19 19 19 19 19 19	US 50147	18 May 14 1991	Mitchen, J	128	771	Sep 22 1989
US 5060174 Oct 22 1991 Gross, C 702 139 Apr 18 199 US 5070886 Dec 10 1991 Mitchen, J 128 771 Jun 19 199 US 5074872 Dec 24 1991 Brown, M 606 182 Jul 25 1999 US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 199 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 195 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 199 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 199 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 198 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 199 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1 990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 19 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5211480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 521993 8/3/1993 Haber et al. 128 770 Il/20/199 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 182 Aug 12 19 US 5314441 May 24 1994 Susumu, M 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314442 May 24 1994 Susumu, M 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314444 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314444 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5314444 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5324302 Jun 29 1999 Evans, D 606 181 May 5 199 US 5324303 Jun 28 1994 Strong, B 606 181 Dec 13 199 US 5324303 Jun 28 1994 Strong, B 606 181 Dec 13 199 US 5324303 June 28 1994 Strong, B 606 181 Feb 3 1994	US 50263	88 Jun 25 1991	Ingalz, T	606	182	Sep 26 1989
US 5070886 Dec 10 1991 Mitchen, J 128 771 Jun 19 199 US 5074872 Dec 24 1991 Brown, M 606 182 Jul 25 1996 US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 1999 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 1995 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 199 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 190 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 199 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5156614 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 1999 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 199 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5282822 Feb 1 1994 Macors, P 606 182 Jun 19 19 19 US 5304192 Apr 19 1994 Crouse, R 606 182 Aug 12 19 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 19 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1990 US 5318583 Jun 7 1994 Rabenau, R 606 181 Oct 16 1990 US 5324302 Jun 28 1999 Evans, D 606 181 Oct 13 1990 US 5324303 June 28 1994 Strong, B 606 181 Dan 11 1990 US 5324303 June 28 1994 Strong, B 606 181 Dan 11 1990 US 5324303 June 28 1994 Strong, B 606 181 Dan 21 1990 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1990	US 50544	99 Oct 8 1991	Swierczek, R	128	770	Aug 10 1990
US 5074872 Dec 24 1991 Brown, M 606 182 Jul 25 1990 US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 1990 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 1950 US 5100428 Mar 31 1992 Humford, E 606 182 Dec 11 1991 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 1991 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 1991 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 1991 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 1991 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 1991 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/1991 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 1900 US 52582822 Feb 1 1994 Macors, P 606 182 Jan 19 1991 US 5304192 Apr 19 1994 Crouse, R 606 182 Jan 19 1991 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 19 1991 US 5314442 May 24 1994 Susumu, M 606 182 Aug 12 19 1993 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1991 US 5316229 Jun 29 1999 Evans, D 606 181 Oct 13 1991 US 5324303 June 28 1994 Strong, B 606 181 Oct 13 1991 US 5324303 June 28 1994 Strong, B 606 181 Oct 13 1991 US 5324303 June 28 1994 Strong, B 606 181 Dan 21 1991 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 50601	74 Oct 22 1991	Gross, C	702	139	Apr 18 1990
US 5092842 Mar 3 1992 Bechtold, H 604 135 May 5 199 US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 199 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 199 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 190 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 19 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 19 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250666 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5255066 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 52582822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 182 Aug 12 19 US 5314441 May 24 1994 Crouse, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5324302 Jun 28 1994 Strong, B 606 181 Jan 11 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 11 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5324303 June 28 1994 Strong, B 606 182 Feb 3 1994	US 50708	86 Dec 10 1991	Mitchen, J	128	771	Jun 19 1990
US 5100427 Mar 31 1992 Crossman, D 606 182 Oct 29 1995 US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 1995 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 1995 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 1995 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 1999 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 1990 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 1999 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 1990 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber, T 606 182 Jun 9 1992 US 5255066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5255666 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 52582822 Feb 1 1994 Macors, P 606 182 Jan 19 1990 US 5304192 Apr 19 1994 Crouse, R 606 182 Jan 19 1990 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 19 US 5314442 May 24 1994 Crouse, R 606 182 Oct 16 1990 US 5314441 May 24 1994 Crouse, R 606 182 Dec 28 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1990 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1990 US 5324302 Jun 28 1994 Crouse, R 606 181 May 5 1990 US 5324303 June 28 1994 Strong, B 606 181 Jan 11 1990 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1990 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1990 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1990	US 50748	72 Dec 24 1991	Brown, M	606	182	Jul 25 1990
US 5100428 Mar 31 1992 Mumford, E 606 182 Dec 11 199 US 5104380 Apr 14 1992 Holman, R 604 117 Apr 18 198 US 5133730 Jul 28 1992 Biro, L 606 182 May 15 199 US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 199 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 525066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 525666 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 525698 Oct 26 1993 Becker, K 335 229 Oct 26 1993 US 5304192 Apr 19 1994 Crouse, R 606 182 Jun 19 199 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316029 Jun 29 1999 Evans, D 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 50928	42 Mar 3 1992	Bechtold, H	604	135	May 5 1998
US 5104380         Apr 14 1992         Holman, R         604         117         Apr 18 199           US 5133730         Jul 28 1992         Biro, L         606         182         May 15 19           US 5156611         Oct 20 1992         Haynes, J         606         181         Feb 5 1990           US 5163442         Nov 17 1992         Ono, H         128         760         Jul 30 199           US 5170364         Dec 8 1992         Gross, C         702         139         Dec 6 1990           US 5196025         Mar 23 1993         Ranalletta, J         606         182         May 21 19           US 5201324         Apr 13 1993         Swierczek, R         128         770         Jul 18 199           US 5212879         May 25 1993         Biro, L         29         437         Apr 14 199           US 5217480         Jun 8 1993         Haber, T         606         182         Jun 9 1992           US 5231993         8/3/1993         Haber et al.         128         770         11/20/199           US 5250666         Oct 5 1993         Lambert, J         606         181         Mar 19 19           US 5256998         Oct 26 1993         Becker, K         335         229         Oct	US 51004	27 Mar 31 1992	Crossman, D	606	182	Oct 29 1990
US 5133730         Jul 28 1992         Biro, L         606         182         May 15 19           US 5156611         Oct 20 1992         Haynes, J         606         181         Feb 5 1990           US 5163442         Nov 17 1992         Ono, H         128         760         Jul 30 199           US 5170364         Dec 8 1992         Gross, C         702         139         Dec 6 1990           US 5196025         Mar 23 1993         Ranalletta, J         606         182         May 21 19           US 5201324         Apr 13 1993         Swierczek, R         128         770         Jul 18 199           US 5212879         May 25 1993         Biro, L         29         437         Apr 14 199           US 5217480         Jun 8 1993         Haber, T         606         182         Jun 9 1992           US 5231993         8/3/1993         Haber et al.         128         770         11/20/199           US 5250066         Oct 5 1993         Lambert, J         606         181         Mar 19 19           US 5256998         Oct 26 1993         Becker, K         335         229         Oct 26 199           US 5304192         Apr 19 1994         Macors, P         606         182         Jan	US 51004	28 Mar 31 1992	Mumford, E	606	182	Dec 11 1990
US 5156611 Oct 20 1992 Haynes, J 606 181 Feb 5 1990 US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 199 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 1999 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 1991 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/1999 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 199 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 199 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 1993 US 5304192 Apr 19 1994 Macors, P 606 182 Jan 19 1999 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1995 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1996 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 1995 US 5324303 June 28 1994 Strong, B 606 181 Jan 11 1995 US 5324303 June 28 1994 Purcell, D 606 181 Jan 21 1995 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1999	US 51043	80 Apr 14 1992	Holman, R	604	117	Apr 18 1989
US 5163442 Nov 17 1992 Ono, H 128 760 Jul 30 199 US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 199 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 1999 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 1991 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/1999 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 199 US 525066 Oct 19 1993 Rincoe, R 128 782 May 23 199 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 1993 US 5304192 Apr 19 1994 Macors, P 606 182 Jan 19 1999 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5314441 May 24 1994 Crouse, R 606 182 Aug 12 199 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 1993 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1995 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1996 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 1995 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1995 US 5324303 June 28 1994 Purcell, D 606 182 Feb 3 1999	US 51337	30 Jul 28 1992	Biro, L	606	182	May 15 1991
US 5170364 Dec 8 1992 Gross, C 702 139 Dec 6 1990 US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 19 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 1993 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5314441 May 24 1994 Cusack, R 606 182 Aug 12 19 US 5314442 May 24 1994 Susumu, M 606 182 Oct 16 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5324302 Jun 28 1994 Crouse, R 606 182 May 5 199 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1999	US 51566	11 Oct 20 1992	Haynes, J	606	181	Feb 5 1990
US 5196025 Mar 23 1993 Ranalletta, J 606 182 May 21 19 US 5201324 Apr 13 1993 Swierczek, R 128 770 Jul 18 199 US 5212879 May 25 1993 Biro, L 29 437 Apr 14 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 525698 Oct 26 1993 Becker, K 335 229 Oct 26 199 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 199 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1999	US 51634	42 Nov 17 1992	Ono, H	128	760	Jül 30 1991
US 5201324	US 51703	64 Dec 8 1992	Gross, C	702	139	Dec 6 1990
US 5212879 May 25 1993 Biro, L 29 437 Apr 14 199 US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 199 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 19 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1996 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Crouse, R 606 181 Jan 11 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1999	US 51960	25 Mar 23 1993	Ranalletta, J	606	182	May 21 1990
US 5217480 Jun 8 1993 Haber, T 606 182 Jun 9 1992 US 5231993 8/3/1993 Haber et al. 128 770 11/20/199 US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 199 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1996 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1999 US 5324302 Jun 28 1994 Crouse, R 606 181 Jan 11 1999 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1999 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1999	US 52013	24 Apr 13 1993	Swierczek, R	128	770	Jul 18 1991
US 5231993	US 52128	79 May 25 1993	Biro, L	29	437	Apr 14 1992
US 5250066 Oct 5 1993 Lambert, J 606 181 Mar 19 19 US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 199 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1990 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1990 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 1990 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1990 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1990	US 52174	80 Jun 8 1993	Haber, T	606	182	Jun 9 1992
US 5253656 Oct 19 1993 Rincoe, R 128 782 May 23 19 US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 199 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1996 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 199 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 182 Feb 3 1994 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 52319	93 8/3/1993	Haber et al.	128	770	11/20/1991
US 5256998 Oct 26 1993 Becker, K 335 229 Oct 26 1993 US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 1995 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 1995 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 1995 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 1995 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1995 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1996 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1995 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 1995 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1995 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 52500	66 Oct 5 1993	Lambert, J	606	181	Mar 19 1990
US 5282822 Feb 1 1994 Macors, P 606 182 Jan 19 199 US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1990 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 199 US 5320607 Jun 14 1994 Ishibashi, H 604 115 Jan 11 199 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 52536	56 Oct 19 1993	Rincoe, R	128	782	May 23 1991
US 5304192 Apr 19 1994 Crouse, R 606 181 Jan 8 1993 US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1990 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 199 US 5320607 Jun 14 1994 Ishibashi, H 604 115 Jan 11 199 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 52569	98 Oct 26 1993	Becker, K	335	229	Oct 26 1992
US 5304193 Apr 19 1994 Zhadanov, S 606 182 Aug 12 19 US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1996 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 199 US 5320607 Jun 14 1994 Ishibashi, H 604 115 Jan 11 199 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 199 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 52828	22 Feb 1 1994		606	182	Jan 19 1993
US 5314441 May 24 1994 Cusack, R 606 182 Oct 16 199 US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 199 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 199 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1996 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1999 US 5320607 Jun 14 1994 Ishibashi, H 604 115 Jan 11 1999 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 1999 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1999 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994				606		Jan 8 1993
US 5314442 May 24 1994 Susumu, M 606 182 Dec 28 1990 US 5316012 May 31 1994 Siegal, T 128 744 Feb 10 1990 US 5316229 Jun 29 1999 Evans, D 606 171 Feb 7 1990 US 5318583 Jun 7 1994 Rabenau, R 606 182 May 5 1990 US 5320607 Jun 14 1994 Ishibashi, H 604 115 Jan 11 1990 US 5324302 Jun 28 1994 Crouse, R 606 181 Oct 13 1990 US 5324303 June 28 1994 Strong, B 606 181 Jan 21 1990 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 53041	93 Apr 19 1994	Zhadanov, S	606	182	Aug 12 1993
US 5316012       May 31 1994       Siegal, T       128       744       Feb 10 199         US 5316229       Jun 29 1999       Evans, D       606       171       Feb 7 1996         US 5318583       Jun 7 1994       Rabenau, R       606       182       May 5 199         US 5320607       Jun 14 1994       Ishibashi, H       604       115       Jan 11 199         US 5324302       Jun 28 1994       Crouse, R       606       181       Oct 13 199         US 5324303       June 28 1994       Strong, B       606       181       Jan 21 199         US 5350392       Sep 27 1994       Purcell, D       606       182       Feb 3 1994	US 53144	41 May 24 1994	Cusack, R	606	182	Oct 16 1992
US 5316229       Jun 29 1999       Evans, D       606       171       Feb 7 1996         US 5318583       Jun 7 1994       Rabenau, R       606       182       May 5 199         US 5320607       Jun 14 1994       Ishibashi, H       604       115       Jan 11 199         US 5324302       Jun 28 1994       Crouse, R       606       181       Oct 13 199         US 5324303       June 28 1994       Strong, B       606       181       Jan 21 199         US 5350392       Sep 27 1994       Purcell, D       606       182       Feb 3 1994						Dec 28 1992
US 5318583       Jun 7 1994       Rabenau, R       606       182       May 5 199         US 5320607       Jun 14 1994       Ishibashi, H       604       115       Jan 11 199         US 5324302       Jun 28 1994       Crouse, R       606       181       Oct 13 199         US 5324303       June 28 1994       Strong, B       606       181       Jan 21 199         US 5350392       Sep 27 1994       Purcell, D       606       182       Feb 3 1994			<u> </u>	128		Feb 10 1993
US 5320607       Jun 14 1994       Ishibashi, H       604       115       Jan 11 199         US 5324302       Jun 28 1994       Crouse, R       606       181       Oct 13 199         US 5324303       June 28 1994       Strong, B       606       181       Jan 21 199         US 5350392       Sep 27 1994       Purcell, D       606       182       Feb 3 1994	US 53162			606	171	Feb 7 1996
US 5324302       Jun 28 1994       Crouse, R       606       181       Oct 13 199         US 5324303       June 28 1994       Strong, B       606       181       Jan 21 199         US 5350392       Sep 27 1994       Purcell, D       606       182       Feb 3 1994	1		_1		1	May 5 1992
US 5324303 June 28 1994 Strong, B 606 181 Jan 21 199 US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 53206		Ishibashi, H	604	115	Jan 11 1993
US 5350392 Sep 27 1994 Purcell, D 606 182 Feb 3 1994	US 53243			606	181	Oct 13 1992
						Jan 21 1993
IIS 5354287 Oct 11 1994 Wacks I 604 232 Ian 16 100						Feb 3 1994
	US 53542		Wacks, J	604	232	Jan 16 1991
						Jul 26 1993
US 5360410 Nov 1 1994 Wacks, J 604 232 Aug 6 199	US 53604	10 Nov 1 1994	Wacks, J	604	232	Aug 6 1991

EXAMINER	DATE CONSIDERED	



ATTY. DOCKET	NO.
38187-2784	

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

**GROUP: 1744** 

### **U.S. PATENT DOCUMENTS**

	US 5366469	Nov 22 1994	Steg, H	606	182	Apr 2 1993
	US 5366470	Nov 22 1994	Ramel, U	606	183	Sep 13 1993
	US 5375397	Dec 27 1994	Ferrand, R	54	66	Feb 15 1994
	US 5383885	Jan 24 1995	Bland, T	606	182	Jun 29 1993
	US 5395387	Mar 7 1995	Burns, J	606	181	Feb 26 1993
	US 5397334	Mar 14 1995	Schenk, R	606	182	Jan 11 1994
	US 5402798	Apr 4 1995	Swierczek, R	128	770	Apr 12 1993
	US 5423847	Jun 13 1995	Strong, B	606	182	Apr 8 1994
	US 5454828	Oct 3 1995	Schraga, S	606	181	Mar 16 1994
	US 5464418	Nov 7 1995	Schraga, S	606	182	Dec 9 1993
	US 5471102	Nov 28 1995	Becker, G	310	50	May 9 1994
	US 5476474	Dec 19 1995	Davis, R	606	182	Jul 27 1994
	US 5480387	Jan 2 1996	Gabriel, J	604	134	Aug 24 1994
	US 5487748	Jan 30 1996	Marshall, J	606	182	Mar 30 1993
	US 5509410	April 23 1996	Hill, H	128	637	July 27 1994
	US 5518006	May 21 1996	Mawhirt, J	128	770	Aug 9 1994
	US 5524636	Jun 11 1996	Sarvazyan, A	128	774	Dec 21 1992
	US 5527333	Jun 18 1996	Nikkels, B	606	182	Sep 9 1994
	US 5527334	Jun 18 1996	Kanner, R	606	182	May 25 1994
	US 5540709	Jul 30 1996	Ramel, U	606	183	Nov 16 1994
	US 5545174	Aug 13 1996	Schenk, R	606	182	Jan 11 1994
	US 5554166	Sep 10 1996	Lange, H	606	182	Jun 16 1994
	US 5569286	Oct 29 1996	Peckham, A	606	181	Mar 29 1995
	US 5569287	Oct 29 1996	Tezuka, S	606	182	Dec 9 1994
	US 5571132	Nov 5 1996	Mawhirt, J	606	182	Jun 6 1995
	US 5584846	Dec 17 1996	Mawhirt, J	606	181	Oct 27 1995
	US 5613978	Mar 25 1997	Harding, J	606	181	Jun 4 1996
	US 5628764	May 13 1997	Schraga, S	606	182	Mar 21 1995
	US 5628765	May 13 1997	Susumu, M	606	182	Jun 5 1995
	US 5628890	May 13 1997	Carter, N	204	403.5	Sep 27 1995
•	US 5643306	Jul 1 1997	Schraga, S	606	182	Mar 22 1996
	US 5645555	Jul 8 1997	Davis, R	606	182	Aug 15 1995
	US 5657760	8/19/1997	Ying et al.	128	660.03	1/11/1996
	US 5662127	Sep 2 1997	De Vaughn, D	128	765	Jan 17 1996
	US 5662672	Sep 2 1997	Pambianchi, M	606	181	May 23 1996
	US 5680872	Oct 28 1997	Sesekura, T	128	760	Aug 9 1994
	US 5682884	Nov 4 1997	Hill, H	128	637	Jul 27 1994
	US 5709668	Jan 20 1998	Wacks, J	604	232	Jun 6 1995
	US 5727548	Mar 17 1998	Hill, H	128	637	Jun 6 1995

EXAMINER	DATE CONSIDERED	

INFORMATION DISCLOSURE STATEMENT,	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124
/ 4	APPLICANT: Freeman	
PTO 1449 MAR 1 6 2007	FILING DATE: 03/31/2006	GROUP: 1744
	<b>E</b> U.S. PATENT DOCUMENTS	

TABLE TO STATE OF THE STATE OF				
US 5730753 Mar 24 1998	Susumu, M	606	181	Jul 25 1996
US 5733300 Mar 31 1998	Pambianchi, M	606	181	Jan 28 1997
US 5746217 May 5 1998	Erickson, B	128	760	Nov 8 1995
US 5755733 May 26 1998	Susumu, M	606	182	Nov 27 1995
US 5772586 Jun 30 1998	Heinonen, P	600	300	Feb 4 1997
US 5772677 Jun 30 1998	Mawhirt, J	606	181	Sep 24 1996
US 5782770 Jul 21 1998	Mooradian G	600	476	May 12 1994
US 5782852 Jul 21 1998	Foggia, D	606	182	Sep 19 1997
US 5788652 Aug 4 1998	Rahn, H	600	577	Mar 24 1997
US 5797940 Aug 25 1998	Mawhirt, J	606	167	May 30 1997
US 5797942 Aug 25 1998	Schraga, S	606	182	Sep 23 1996
US 5820551 Oct 13 1998	Hill H	600	347	May 7 1984
US 5840020 Nov 24 1998	Heinonen, P	600	309	Feb 5 1997
US 5857983 Jan 12 1999	Douglas, J	600	538	May 16 1997
US 5860922 1/19/1999	Gordon et al.	600	431	7/21/1997
US 5868772 Feb 9 1999	LeVaughn, R	606	181	Jul 31 1997
US 5869972 Feb 9 1999	Birch, B	324	439	Feb 26 1997
US 5872713 Feb 16 1999	Douglas, J	702	85	Oct 30 1997
US 5873887 Feb 23 1999	King, T	606	182	Oct 25 1996
US 5879373 Mar 9 1999	Roeper, J	606	344	Dec 22 1995
US 5916156 June 29 1999	Hildenbrand, K	600	347	Feb 7 1997
US 5916230 Jun 29 1999	Brenneman, A	606	172	Jun 16 1997
US 5921963 Jul 13 1999	Erez, U	604	192	Aug 26 1996
US 5935075 8/10/1999	Casscells et al.	600	474	8/10/1999
US 5951492 Sep 14 1999	Douglas, J	600	583	May 16 1997
US 5954738 Sep 21 1999	LeVaughn, R	606	181	Jul 31 1997
US 5983193 Nov 9 1999	Heinonen, P	705	2	Jun 18 1997
US 5993400 Nov 30 1999	Rincoe, R	600	595	Oct 18 1993
US 5997561 Dec 7 1999	Boecker, D	606 .	182	Feb 4 1997
US 6001067 Dec 14 1999	Shults, M	600	584	Mar 4 1997
US 6001067 Dec 14 1999	Shults, M	600	584	Mar 4 1997
US 6022366 Feb 8 2000	Schraga, S	606	181	Jun 11 1998
US 6030399 Feb 29 2000	Ignotz, K	606	167	Jun 4 1997
US 6033421 Mar 7 2000	Theiss, S	606	186	Jul 11 1997
US 6063039 May 16 2000	Cunningham D	600	573	Dec 6 1996
US 6067463 May 23 2000	Jeng, T-W	600	336	Jan 5 1999
US 6071249 June 6 2000	Cunningham, D	600	578	Dec 2 1997
US 6071250 Jun 6 2000	Douglas, J	600	583	Jan 28 1999
US 6071251 Jun 6 2000	Cunningham, D	600	584	Dec 2 1997

EXAMINER	DATE CONSIDERED

INFORMATION 4, DISCLOSURE STATEMENTS	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124
1	APPLICANT: Freeman	
PT 1449	FILING DATE: 03/31/2006	GROUP: 1744
FRADE	U.S. PATENT DOCUMENTS	

PE	US 6074360	Jun 13 2000	Hans-Peter, H	604	57	Jul 21 1997
43	US 6080172	Jun 27 2000	Fujiwara, H	606	166	Jun 1 1998
3/	US 6086562	Jul 11 2000	Jacobsen, S	604	156	Oct 1 1998
16 2007	US 6133837	Oct 17 2000	Riley, C	340	573.1	Mar 5 1999
Æ/	US 6134461	Oct 17 2000	Say, J	600	345	Mar 4 1998
	US 6157442	Dec 5 2000	Raskas, E	356	39	Jun 19 1998
2101-11	US 6175752	Jan 16 2001	Say, J	600	345	Apr 30 1998
	US 6191852	Feb 20 2001	Paffhausen, W	356	244	Oct 13 1998
	US 6192891	Feb 27 2001	Gravel, M	128	920	Apr 26 1999
	US 6194900	Feb 27 2001	Freeman, D	324	321	Jun 19 1998
	US 6214804	Apr 10 2001	Felgner, P	514	44	Jun 7 1995
	US 6245060	June 12 2001	Loomis, N	606	9	Dec 27 1999
***-	US 6256533	Jul 3 2001	Vuzhakov, V	604	21	Jun 9 1999
	US 6283982	Sep 4 2001	Levaughn, R	606	172	Oct 19 1999
	US 6285448	Sep 4 2001	Kuenstner, J	356	39	Nov 5 1997
	US 6290683	Sep 18 2001	Erez, U	604	273	Nov 25 1996
	US 6295506	Sep 25 2001	Heinonen, P	702	104	Oct 23 1998
	US 6302855	Oct 16 2001	Lav, S	600	584	May 17 1999
	US 6322574	Nov 27 2001	Lloyd, W	606	181	Nov 1 1999
	US 6331163	Dec 18 2001	Kaplan, S	600	486	Jul 16 1999
	US 6334363	Jan 1 2002	Testud, J	73	862	Jun 23 1998
	US 6334856	Jan 1 2002	Allen, M	604	191	May 21 1999
	US 6350273	Feb 26 2002	Minagawa, H	606	186	Mar 10 1999
	US 6352523	Mar 5 2002	Brown, S	604	207	Aug 22 2000
	US 6353753	Mar 5 2002	Flock, S	600	473	May 5 1999
	US 6379301	Apr 30 2002	WOrthington, D	600	309	Sep 30 1998
	US 6379324	Apr 30 2002	Gartstein, V	604	22	Jun 9 1999
	US 6421633	Jul 16 2002	Heinonen, P	703	11	May 21 1998
	US 6451040	Sep 17 2002	Purcell, D	606	181	Jul 30 2001
	US 6484046	Nov 19 2002	Say, J	600	345	Jul 10 2000
	US 6489052	Feb 1 2005	Uchigaki, T	600	584	Dec 13 2000
	US 6501404	Dec 31 2002	Walker, R	341	143	Jun 8 2001
	US 6503231	Jan 7 2003	Praunsnitz, M	604	272	Jun 10 1998
	US 6506168	Jan 14 2003	Fathallah, M	600	578	May 26 2000
	US 6508795	Jan 21 2003	Eppstein, J	604	113	Nov 22 2000
	US 6514270	Feb 4 2003	Schraga, S	606	182	Nov 10 2000
	US 6519241	Feb 11 2003	Theimer, W	370	338	Oct 14 1998
	US 6527778	Mar 4 2003	Athanasiou, K	606	80	Jan 9 2001
	US 6530937	Mar 11 2003	Schraga, S	606	182	Jan 28 2000

1		, · · · · · · · · · · · · · · · · · · ·
	EXAMINER	DATE CONSIDERED

INFORMATION DISCLOSUPE STATEMENT	ATTY. DOCKET NO. SERIAL NO. 10/541,124			
DISCLOSURE STATEMENT PTO-1449	APPLICANT: Freeman			
	FILING DATE: 03/31/2006	GROUP: 1744		
U.S. PATENT DOCUMENTS				

US 6537242	Mar 25 2003	Palmer, P	604	22	Jun 6 2000
US 6537292	Mar 25 2003	Lee, C	606	182	Sep 25 2000
US 6540672	Apr 1 2003	Simonsen, J	600	300	Nov 29 1999
US 6540675	Apr 1 2003	Aceti, J	600	309	Dec 20 2000
US 6540762	Apr 1 2003	Bertling, W	606	182	Jul 7 1999
US 6549796	Apr 15 2003	Sohrab, B	600	345	May 25 2001
US 6558361	May 6 2003	Yeshurun, Y	604	272	Jun 8 2000
US 6558402	May 6 2003	Chelak, T	606	182	Aug 3 1999
US 6561989	May 13 2003	Whitson, R	600	573	Jun 11 2001
US 6569157	May 27 2003	Shain, E	606	12	May 18 1998
US 6571651	Jun 3 2003	Hodges, A	73	864.72	Mar 27 2000
US 6572566	Jun 3 2003	Effenhauser, C	600	584	Feb 27 2001
US 6574490	Jun 3 2003	Abbink, R	600	316	Apr 11 2001
US 6587705	Jul 1 2003	Kim L	600	347	Apr 3 1998
US 6589260	Jul 8 2003	Schmelzeisen-R, G	606	181	Jul 12 2000
US 6589261	Jul 8 2003	Abulhaj, R	606	181	Aug 19 2002
US 6591125	Jul 8 2003	Buse, J	600	347	Jun 27 2000
US 6602205	Aug 5 2003	Erickson, B	600	573	Jun 26 2000
. US 6602268	Aug 5 2003	Kuhr, HJ	606	181	Jun 19 2001
US 6616616	Sep 9 2003	Fritz, M	600	583	Sep 26 2001
US 6618934	Sep 16 2003	Feldman, B	29	830	Jun 15 2000
US 6620112	Sep 16 2003	Klitmose, L	600	583	Mar 14 2001
US 6623501	Sep 23 2003	Heller, A	606	181	Apr 5 2001
US 6626851	Sep 30 2003	Hirao, E	600	576	Nov 8 2002
US 6641533	Nov 4 2003	Causey, J	600	300	Aug 23 2001
US 6659966	Dec 9 2003	Essenpreis, M	600	583	Nov 15 2001
US 6660018	Dec 9 2003	Lum, P	606	181	Apr 30 2001
US 6671527	Dec 30 2003	Peterson, B	600	316	Oct 12 2001
US 6679841	Jan 27 2004	Bojan, P	600	309	June 15 2001
US 6679852	Jan 20 2004	Schmelzeisen-R, G	600	583	Jun 12 2000
US 6706000	Mar 16 2004	Perez, E	600	583	Jun 16 2001
US 6713660	Mar 30 2004	Roe, DC	604	361	Jun 29 1998
US 6723111	Apr 20 2004	Abulhaj, R	606	181	Apr 9 2003
US 6733493	May 11 2004	Gruzdev, V	606	9	Nov 15 2001
US 6736777	May 18 2004	Kim L	600	365	Apr 3 1998
US 6743211	Jun 1 2004	PraUSnitz, M	604	239	Nov 23 1999
US 6751491	Jun 15 2004	Lew S	600	345	Sep 1 2001
US 6752817	June 22 2004	Flora, B	606	181	Feb 20 2002
US 6764496	July 20 2004	Schraga, S	606	182	July 10 2001

EXAMINER	•	DATE CONSIDERED	

ATTY. DOCKET NO. 38187-2784

SERIAL NO. 10/541,124

APPLICANT: Freeman

FILING DATE: 03/31/2006

GROUP: 1744

PTO-1449

**U.S. PATENT DOCUMENTS** 

6	P	E	4
MAR	16	200	7

4	US 6783502	Aug 31 2004	Orloff, E	600	583	Apr 24 2002
407	US 6783537	Aug 31 2004	Kuhr, HJ	606	182	Sep 3 1999
/ 1	US 6786874	Sep 7 2004	Grace JP	600	573	Sep 13 2002
\$	US 6792791	Sep 21 2004	Sato, Y	73	1.02	Feb 19 2001
	US 6793632	Sep 21 2004	Sohrab, B	600	573	Jun 12 2001
	US 6793633	Sep 21 2004	Douglas, J	600	583	Nov 20 2001
	US 6801041	Oct 5 2004	Karinka, SA	324	444	May 14 2002
	US 6801804	Oct 5 2004	Miller, DJ	604	20	May 3 2002
	US 6802199	Oct 12 2004	Hilgers, ME	72	370.1	Oct 12 2004
	US 6802811	Oct 12 2004	Slepian, MJ	600	309	Sep 15 2000
	US 6809807	Oct 26 2004	Erickson, B	356	213	March 9 1999
	US 6811557	Nov 2 204	Schraga, S	606	182	June 7 2001
	US 6816742	Nov 9 2004	Kim, L	600	345	Feb 13 2004
	US 6823750	Nov 30 2004	Hodges, A	73	864.72	Apr 4 2003
	US 6830551	Dec 14 2004	Uchigaki, T	600	584	Nov 8 2000
	US 6835184	Dec 28 2004	Sage, BH	604	46	Sep 24 1999
	US 6837858	Jan 4 2005	Cunningham, D	600	573	Oct 5 2001
	US 6840912	Jan 11 2005	Kloepfer, H	600	583	Dec 7 2001
	US 6843254	Jan 18 2005	Tapper, R	128	898	Feb 24 1998
	US 6847451	Jan 25 2005	Pugh, J	356	436	May 1 2002
•	US 6850790	Feb 1 2005	Berner, B	600	347	May 13 1998
	US D403,975	Jun 12 1999	Douglas, J	D10	81	Jan 17 1997
	US D411,619	Jun 29 1999	Duchon, B	D24	146	Nov 21 1997
	US D332490	Jan 12 1993	Brown, M	D24	146	Apr 12 1990
	US D379516	May 27 1997	Rutter, B	D24	146	Mar 4 1996
	US D342673	Dec 21 1993	Cerola, J	D24	147	Dec 13 1991
	US D362719	Sep 26 1995	Kaplan, B	D24	147	Jul 11 1994
	US D393716	Apr 21 1998	Brenneman, A	D24	147	Mar 24 1997
	US D393717	Apr 21 1998	Brenneman, A	D24	147	Mar 21 1997
	US D424696	May 9 2000	Ray, C	D24	169	May 6 1999
·	US D426638	Jun 13 2000	Ray, C	D24	169	May 6 1999
	US D392,391	Mar 17 1998	Douglas, J	D24	225	Feb 23 1996

EXAMINER	DATE CONSIDERED

INFORMATION DISCLOSUPE STATEMENT	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124		
DISCLOSURE STATEMENT	APPLICANT: Freeman			
PTO-1449	FILING DATE: 03/31/2006	GROUP: 1744		
U.S. PATENT DOCUMENTS				

EXAMINER'S INTIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLA	Translation	
INTIALS	DE 10022042	In 24 2002	Dantatula N	COIN	SS 227	YES	NO
	DE 10032042	Jan 24 2002	Bartetzko, N	G01N	27, 327		
PE	DE 10057832 DE 10142232	Feb 2 2002	Wurster, T	A61B	145		
- <del>\</del>		Mar 3 2003	Kuhr, HJ	A61B	5 15		
Rg	DE 29824204	Oct 26 2000	Weickman,H	G01N	33/48		
6 2007	EP 0136362	Dec 19 1990	Kawaguri, M	G01N	27/327		
<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	EP 0170375	May 16 1990	Shanks, I	G01N	33, 48		
	EP 0289 269	Nov 2 1988	Wickham, M	G01N	27, 40		
	EP 0320109	Jun 6 1989	Wickham, M	A61B	5, 00		
	EP 0351891	Sept 29 1993	Hill, H	G01N	27, 30		
	EP 0359831	Aug 30 1995	Nankai, Shiro	G01N	27, 28		
	EP 0368474	Dec 13 1995	McAleer, J	C12M	1, 40		
_	EP 0374355	Jun 2 1993	Piperato, R	A61M	37,00		
	EP 0406304	Aug 20 1997	Pottgen, P	C12Q	1,00		
	EP 0415388	May 3 1995	Fujimura, H	G01N	27, 327		
	EP 0415393	Dec 10 1997	Inamoto, T	G01N	27, 38		
	EP 0429076	Jan 31 1996	Toshihiko, Y	C12M	1/140		
	EP 0453283	Oct 10 1991	Joseph, J	A61B	5,00		
	EP 0461601	Dec 13 1995	Ito, T	C12Q	1,00		
	EP 0470649	June 2 1999	Birch, B.J	G01N	27, 42		
	EP 0471986	Oct 18 1995	Nankai, Shiro	C12M	1,40		
	EP 0505475	Mar 3 1999	White, B	G06F	19, 00		
•	EP 0505494	Jul 12 1995	Gerber, MT	C12M	1,40		
	EP 0505504	Mar 3 1997	Parks, RA	G01R	27, 02		
	EP 0537761	Aug 27 1997	Toshihiko, Y	C12M	1, 40	(	
	EP 0552223	Jul 17 1996	Buch- Rasmussen, T	G01N	33/48		
	EP 0560336	May 6 1998	Toshihiko, Y	C12M	1,40		
	EP 0562370	Nov 26 1997	Gentezkow, W	G01N	27/327		
	EP 0593096	April 20 1994	Carter, N	G01N	27/327		
	EP 0636879	Jan 16 2002	Yamamoto, T	G01N	27, 327		
	EP 0685737	Sept 11 2002	Ikeda, S	G01N	27/327		-
	EP 0730037	Dec 12 2001	Toshihiko, Y	C12Q	1,26		
· · · · · · · · · · · · · · · · · · ·	EP 0735363	Oct 2 1996	Toshihiko, Y	G01N	27, 327		
	EP 0736607	Aug 1 2001	Katsumi, H	G01N	27/327		
	EP 0795601	Sep 17 1997	Toshihiko, Y	C12M	Jan-40		
	EP 0795748	Aug 14 2002	Junko, I	G01N	27/327		<del>                                     </del>
.,,	EP 0817809	July 31 2002	van Antwerp, W	C08G	77/26		-
KAMINER		<del></del>	TE CONSIDERED	L	1		

INFORMATION	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124	
PTO-1449	APPLICANT: Freeman		
	FILING DATE: 03/31/2006	GROUP: 1744	
	U.S. PATENT DOCUMENTS	3	

EXAMINER'S	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLA		Translation	
INTIALS				<u> </u>	SS	YES	NO	
E	EP 0847447	Nov 10 1999	Svorc, J	C12Q	1,00			
	EP 0851224	Mar 27 2002	Toshihiko, Y	G01N	27/327			
<b>E</b>	EP 0856586	May 2 2002	Miyamoto, Y	C12Q	1,00	<u> </u>		
2007	EP 0872728	Jul 17 2002	Yugawa, K	G01N	27, 327			
<i>\&amp;</i> /	EP 0878 708	Nov 18 1998	Charlton, S	G01N	27/327			
	EP 0880692	Jan 7 2004	McAleer, J	G01N	27/327			
	EP 0894869	Feb 28 2001	Miyamoto, Y	C12Q	1,00			
	EP 0901018	Mar 10 1999	Ikeda, S	G01N	33/48			
	EP 0964059	Dec 15 1999	Ikeda, S	C12Q	1,00			
	EP 0969097	Jan 5 2000	Yugawa, K	C12Q	1,00			
	EP 1021950	Jul 26 2000	Hagdrup, C	A01K	11,00			
	EP 1074832	Feb 7 2001	Musho, M	G01N	27/327			
	EP 1093854	Apr 25 2001	Sehr, JP	B01L	3,00			
	EP 1114995	Jul 11 2001	Bhullar, R	G01N	33/487			
	EP 1246688	May 12 2004	Stiene, M	B01D	71/10			
	GB 2168815	Jun 25 1986	Albery J	GO1N	27 30			
	WO 00/09184	Feb 24 2000	Crocker, P	A61M	520			
	WO 00/30186	May 25 2000	Anderson, B	H01L	41/09			
	WO 00/39914	July 6 2000	Cabuz, C	H02N	1			
	WO 00/44084	Jul 27 2000	Stridsberg, L	H02K	37,12			
	WO 00/50771	Aug 31 2000	Baughman, R	F03G	7, 00			
	WO 00/60340	Oct 12 2000	Junoh	G01N	27, 327		<u> </u>	
	WO 00/64022	Oct 26 2000	Powell, S	H02H	3, 33			
	WO 00/67245	Nov 9 2000	Braun, A	G09G	500			
	WO 00/67268	Nov 9 2000	Hill, E	H01H	1,00			
	WO 01/00090	Jan 4 2001	Hester, V	A61B 5	15			
	WO 01/23885	Apr 5 2001	Black MM	GOIN	33 487			
	WO 01/25775	April 12 2001	Bhullar, R	G01N	27/30			
	WO 01/26813	Apr 19 2001	Weigl, B	B01L	3,00			
	WO 01/33216	May 10 2001	Liamos, C	G01N	33/487			
	WO 01/34029	May 5 2001	Ishida, K	A61B	5 15			
	WO 01/36955	May 25 2001	Nakaminami, T	G01N	27/327			
	WO 01/40788	July 7 2001	Miyazaki, S	G01N	27/327		<b></b>	
	WO 01/57510	Aug 9 2001	Ohara, T	G01N	27/30			
<del>.</del>	WO 01/64105	Sep 7 2001	Moerman, P	A16B	515			
	WO 01/66010	Sep 13 2001	Fritz, M	A61B	5, 15		_	
	WO 01/72225	Oct 4 2001	Klitmose, L	A61B	5,15			

1	f	
	EXAMINER	DATE CONSIDERED

INFORMATION	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124		
DISCLOSURE STATEMENT	APPLICANT: Freeman			
PTO-1449	FILING DATE: 03/31/2006	GROUP: 1744		
U.S. PATENT DOCUMENTS				

EXAMINER'S	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLA		lation
OIP ENTIALS				:	SS	YES	NO
多	WO 01/73124	Oct 4 2001	Davies, O	C12Q	1, 68		
AR 1 0 2007	WO 01/73395	Oct 4 2001	Hodges, A	G01N	1,00		
"	WO 01/75433	Mar 22 2001	Shartle, R	G01N	33/00		
	WO 01/89691	Nov 29 2001	Weigl, B	BOIL			
	WO 02/00101	Jan 3 2002	Gregory, J	A61B			
	WO 02/02796	Jan 10 2002	Bartetzko, N	C12Q	1,00		
	WO 02/059734	Aug 1 2002	Dao, N	GO6F	3, 00		
,	WO 02/069791	Sep 12 2002	Schrepfer, T	A61B	5,00		
	WO 02/077638	Oct 3 2002	Smart, W	G01N	3300		
	WO 02/08750	Jan 31 2002 .	Black MM	GOIN	33 487		
	WO 02/08753	Jan 31 2002	Woodhead, A	GOIN	33 50		
	WO 02/08950	Jan 31 2002	Vu, S	GO6F	17, 20		
	WO 02/100251	Dec 19 2002	Alden, D	A61B			
	WO 02/100252	Dec 19 2002	Alden, D	A61B			
	WO 02/100253	Dec 19 2002	Drbal, V	A61B			
	WO 02/100254	Dec 19 2002	Alden, D	A61B			
	WO 02/100460	Dec 19 2002	Alden, D	A61M			
	WO 02/100461	Dec 19 2002	Alden, D	A61M			
	WO 02/101343	Dec 19 2002	Leonard, L	GO1K			
	WO 02/101359	Dec 19 2002	Boecker, D	GOIN			
*	WO 02/18940	Mar 7 2002	Maisey GA	GOIN	33 50		
	WO 02/32559	April 25 2002	Stiene, M	B01D	71/10		
-	WO 02/41779	May 30 2002	Wurster, T	A61B	5,15		
	WO 02/44948	Jun 6 2002	Armstrong, J	GO6F	17, 30		
- 1	WO 03/000321	Jan 3 2003	Bull, P	A61M	5 32		
	WO 03/023389	Mar 20 2003	Allan, S	GOIN	27 333		
	WO 03/042691	May 22 2003	May, S	GOIN	33 487		
	WO 03/045557	Jun 5 2003	Polwart, S	B01L	300		
	WO 03/046542	Jun 5 2003	Polwart, S	G01N	27447		
	WO 03/049609	Jun 19 2003	Kloepfer, H	A61B	5,00		
· · · · · · · · · · · · · · · · · · ·	WO 03/050534	Jun 19 2003	Black MM	GOIN	33 487		
	WO 03/066128	Aug 14 2003	Gregory, J	A61m 31	0		
	WO 03/070099	Aug 28 2003	Kennedy, G	A61B	5, 15		
	WO 03/071940	Sept 4 2003	Kennedy, G	A61B	5,00	<del></del>	<u> </u>
	WO 04/008130	Jan 22 2004	Black MM	GOIN ·	27 37		
	WO 04/026130	Apr 1 2004	Orloff, G	A61B	5 00		
	WO 04/041082	May 21 2004	Boecker, D	A61B	5,00		<b></b>

-		
	EXAMINER	DATE CONSIDERED

	U.S. PATENT DOCUMENTS	<b>3</b>	
PTO-1449	FILING DATE: 03/31/2006	GROUP: 1744	
DISCLOSURE STATEMENT	APPLICANT: Freeman		
INFORMATION	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124	

EXAMINER'S	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLA SS	Translation	
INTIALS						YES	NO
	WO 04/054455	Jul 1 2004	Freeman, D	A61B	17, 32		
1000	WO 04/060174	Jul 22 2004	Alden, D	A61B	17, 14		
<b>3</b>	WO 04/060446	Jul 22 2004	Freeman, D	G01N	21, 76		
# J	WO 04/091693	Oct 28 2004	Poux, C	A61m 31			
	WO 04/107964	Dec 16 2004	Briggs, B	A61B			
	WO 04/107975	Dec 16 2004	Boecker, D	A61B	5, 00		
	WO 04/112602	Dec 29 2004	Freeman, D	A61B	5, 00		
	WO 05/001418	Jan 6 2005	Boecker, D	G01N			
	WO 1980/01389	Jul 10 1980	Yanada, S	C12Q	1, 54		
	WO 1985/04089	Sep 26 1985	Palmer, G	A61B	5,14		
	WO 1986/07632	Dec 12 1985	Nankai, Shiro	G01N	27 30		
	WO 1991/09139	Jun 27 1991	Gerber, MT	C12Q	1, 54		
	WO 1993/06979	Apr 15 1993	Yacowitz, H	B26F	1,24		
	WO 1993/25898	Dec 23 1993	Forrow, N	G01N	27/327		
	WO 1994/27140	Nov 24 1994	Black, M	G01N	27/327		
	WO 1994/29703	Dec 22 1994	White, B	G01N	27, 26		
	WO 1994/29704	Dec 22 1994	White, B	G01N	27, 26		
	WO 1994/29731	Dec 22 1994	Kuhn, LS	G01N	33, 86		
	WO 1995/00662	Jan 5 1995	Bateson, JE	C12Q	1, 26		
	WO 1995/10223	Apr 20 1995	Erickson, B	A61B	500		
	WO 1995/22597	Aug 24 1995	Diebold, E	C12M	1, 40		
	WO 1996/30431	Oct 3 1996	Lowry S	CO8G	77 26		
	WO 1997/02359	Jan 23 1997	Svorc, J	G01N	27/327		
	WO 1997/02487	Jan 23 1997	Pritchard, GJ	G01N	27, 327		
	WO 1997/18464	May 221997	Hodges, A	G01N	27 403		
	WO 1997/30344	Aug 21 1997	McAleer, J	C12Q	1,00		
	WO 1997/42882	Nov 20 1997	Douglas, J	A61B	17, 14		
	WO 1997/45720	Dec 4 1997	Willner, I	G01N	27, 327		
	WO 1998/03431	Jan 29 1998	Willis, JP	C01G	5, 02		
	WO 1998/19159	May 7 1998	Douglas, J	G01N	33 52		
	WO 1998/20332	May 14 1998	Vadgama P	GOIN	27 327		
	WO 1998/20348	May 14 1998	Grage, H	G01N	33, 52		
	WO 1998/24366	Jun 11 1998	Cunningham, D	A61B	0		
	WO 1998/35225	Aug 13 1998	Heller A	GOIN	27 327		
	WO 1999/03584	Jan 28 1999	Moles, D	B01L	3,00		
	WO 1999/05966	Feb 11 1999	Alton, R	A61B	5 14		1

EXAMINER	DATE CONSIDERED

INFORMATION	ATTY. DOCKET NO. 38187-2784	SERIAL NO. 10/541,124			
DISCLOSURE STATEMENT	APPLICANT: Freeman				
PTO-1449	FILING DATE: 03/31/2006	GROUP: 1744			
U.S. PATENT DOCUMENTS					

	EXAMINER'S PINALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLA SS	Translation	
6							YES	NO
	ROTE	WO 1999/13100	March 18 1999	Forrow, N	C12Q	1, 00	•	
MAR	1 6 2007	WO 1999/19507	Apr 22 1999	Forrow, N	GOIN	27 30		
13	2	WO 1999/19717	Apr 22 1999	Bjornson, T	GOIN	25, 22		
TO THE		WO 1999/27852	Jun 10 1999	Henning, T	A61B	5, 103		
		WO 1999/62576	Dec 9 1999	Gross, J	A61M	5/168		
		WO 1999/64580	Dec 16 1999	Praunsnitz, M	C12N	15/00		

EXAMINER	DATE CONSIDERED	